

SAMSUNG

User Guide • Benutzerhandbuch
Guide d'utilisation • Manuale per l'utente
Guía del usuario



Color Inkjet Multifunction CJX-2000FW Series

All-in-One Printers • All-in-One Drucker • Imprimantes multifonctions
Stampanti multifunzione • Impresoras multifunción

SAMSUNG CJX-2000FW All-in-One Printer

Your SAMSUNG All-in-One Printer combines ease-of-use and affordable inks to provide high-quality pictures and documents.

Resources

Support is available! Go to www.samsung.com/printer for:

- answers to questions
- software upgrades
- and more!

If you prefer, you can chat online, send us an e-mail, or call for technical support. Go to www.samsung.com/printer.

Contact SAMSUNG worldwide

If you have any comments or questions regarding Samsung products, contact the Samsung customer care center.

Country / Region	Customer Care Center	Web Site
FRANCE	01 48 63 00 00	www.samsung.com/printer
GERMANY	01805 - SAMSUNG (726-7864 € 0,14/min)	www.samsung.com/printer
ITALY	800-SAMSUNG (726-7864)	www.samsung.com/printer

Contents

1 Printer Overview	1
Components.....	1
Control panel.....	4
Print Manager Software.....	6
Configuring printer settings	6
Paper	8
Paper types.....	8
Paper sizes	8
Loading paper.....	9
2 Networking Your Printer	13
Connecting to a wireless network	13
Before you connect	13
Connecting to a wireless network using the Wi-Fi Setup Wizard	13
Setting up an IP address.....	18
Viewing the network configuration	19
Printing the network configuration	20
Changing the printer name.....	20
Adding a wireless network connection	
to a USB-connected computer.....	21
Changing from USB to a wireless connection	21

Contents

3 Basic Functions	23
Loading originals	23
Using the scanner glass	23
Using the Automatic Document Feeder (ADF)	24
Printing	26
Printing documents	26
Printing pictures	28
Copying	38
Loading originals for copying	38
Copying a document	38
Copying a photograph	44
Scanning	49
Before you begin scanning	49
Loading originals for scanning	60
Scanning from the computer	60
Scanning from the control panel	62
Scanning from the Online Printer Management Tool	65
Faxing	66
Before you begin faxing	66
Preparing a fax for transmission	83
Sending a fax	85
Receiving a fax	87
Printing fax reports	88
Canceling a fax	90
Ordering supplies	90

Contents

4 Maintaining Your Printer	91
General care and cleaning	92
Cleaning the scanner glass and document backing.....	92
Replacing ink cartridges.....	95
Updating the software and printer firmware	100
Updating if your printer is connected to a computer with WINDOWS OS	100
Updating if your printer is connected to a computer with MAC OS.....	102
Monitoring and adjusting printer performance.....	103
Checking ink levels.....	103
Resetting factory defaults	103
Replacing the printhead.....	104
5 Troubleshooting	111
Basic troubleshooting	111
Status lights	116
Power light	116
Wi-Fi connectivity LED	117
6 Product and Safety Specification	119
Features and Specifications.....	119
Print performance	119
Photo printing features.....	119
Copy document features.....	120
Copy photo features.....	121
Scanning features.....	122
Faxing features and specifications.....	122
Paper input tray.....	123
Automatic Document Feeder (ADF) for originals.....	123

Contents

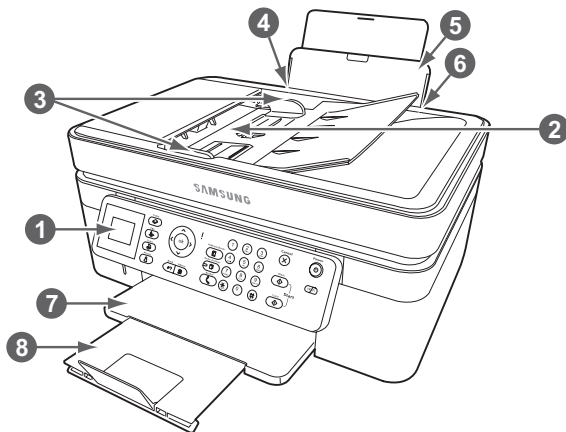
Ink cartridges	123
Connectivity	125
Software support.....	125
Physical specifications	126
System requirements	127
Computer with WINDOWS OS	127
Computer with MAC OS	127
Paper types supported	128
Paper sizes supported	129
7 Safety Information	131
Safety Information	131
LCD Screen Safety	134
Ink Cartridge Safety	134
Declaration of Conformity (European countries)	135
Correct Disposal of This Product (Waste Electrical & Electronic Equipment)	137
ENERGY STAR® Qualified	138

1

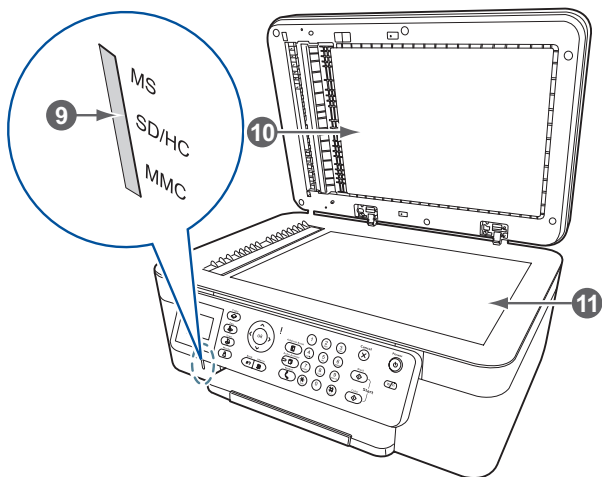
Printer Overview

This printer lets you print, copy, scan, and fax pictures and documents.

Components



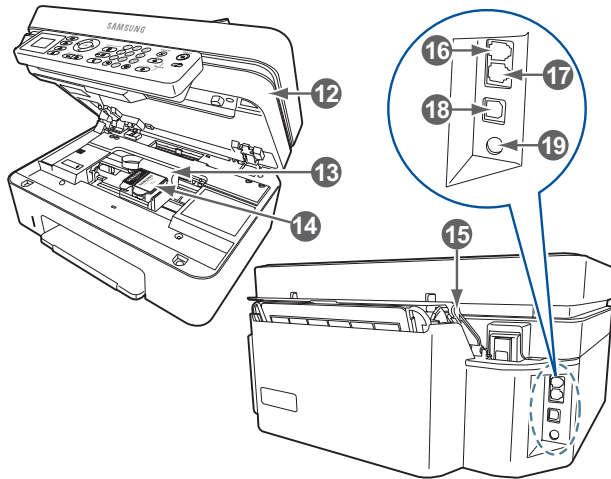
- | | |
|-----------------------------------|--------------------------|
| 1 Control panel | 5 Paper input tray |
| 2 Automatic document feeder (ADF) | 6 Right paper-edge guide |
| 3 ADF paper-edge guides | 7 Output tray |
| 4 Left paper-edge guide | 8 Output tray extender |



9 Memory card slot

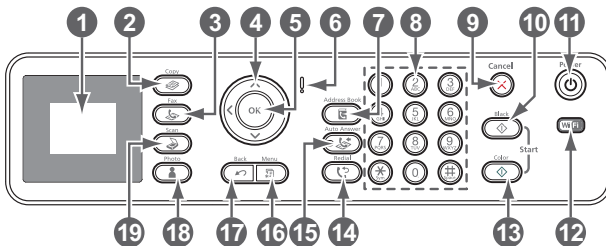
11 Scanner glass

10 Scanner lid



- | | |
|--|--|
| 12 Access door | 16 Line in phone port |
| 13 Carriage | 17 Ext out phone port |
| 14 Printhead with ink cartridges installed | 18 USB port (for connecting to computer) |
| 15 Paper guard | 19 Power cord connection port |

Control panel



Feature

Description

- | | | |
|---|--------------------|---|
| 1 | LCD | Displays pictures, messages, and menus |
| 2 | Copy button | Displays the Copy Document menu |
| 3 | Fax button | Lets you enter a phone number for sending a fax, or choose the Fax Options menu |
| 4 | Navigation buttons | Used to navigate menus and scroll through pictures |
| 5 | OK button | Selects a menu item, accepts a setting, or continues with the current operation |
| 6 | Attention | light Blinks when an error occurs |
| 7 | Address Book | Displays the phonebook of fax numbers; lets you enter or edit phone numbers |

Feature	Description
8 Numeric keypad	Used to dial a phone number or a Quick Dial number for faxing; to enter information and Quick Dial settings into the fax phonebook; to specify a quantity for making copies; and to enter information for accessing a network
9 Cancel button	Stops the current operation and returns to the menu; clears certain errors to allow scanning or sending a fax
10 Start Black button	Starts the selected print, copy, scan, or fax in black and white
11 Power button	Turns the printer on or off
12 Wi-Fi connectivity LED	When lit, signals that the printer is connected to a wireless (Wi-Fi) network; blinks when searching for an available Wi-Fi network or when the existing signal is too weak to transmit or receive wireless signals
13 Start Color button	Starts the selected print, copy, scan, or fax in color
14 Redial button	Dials the last phone number dialed
15 Auto Answer button / LED	<ul style="list-style-type: none">• Turns the fax auto answer feature on or off; when on, the fax answers all incoming calls automatically• Lights when the fax auto answer feature is on
16 Menu button	Displays the main menu
17 Back button	Displays the next higher screen in the menu structure
18 Photo button	Displays the Print Photo Options menu
19 Scan button	Displays the Scan Options menu

Print Manager Software

SAMSUNG Print Manager Software is installed with your SAMSUNG All-in-One Printer Software unless you chose otherwise during installation. The Print Manager icon will appear on your desktop.

On a computer with WINDOWS Operating System (OS), you can use Print Manager Software to browse and edit pictures, print, copy, scan, order supplies, and configure your all-in-one printer from your computer.

On a computer with MAC OS, you can use Print Manager Software to order supplies and configure your printer from your computer.


Configuring printer settings

To set or change basic printer settings:

- 1 Press **Menu**.
- 2 Press ▼ to select **Printer Settings**, then press **OK**.
- 3 Press ▼ to select one of the following settings:
 - **Date and Time**
 - Press **OK**, then press ▼ to select **Year, Month, Day, Hour, or Minute**.
 - Press ◀ or ▶ to change the values; press **OK** when you are done making changes.
 - Press **Back** to go back to the Printer Settings menu.

■ Time to Low Power

To conserve energy, your printer will enter a low power (sleep) mode after being idle for a default delay time of 1 hour. You can increase the delay time to low power (in 0.5 hour increments) up to 4 hours. Increasing the delay time may result in reduced energy savings.

- Press  to change the time to energy-saving sleep mode (select from 1 to 4 hours in 0.5 hour increments).

■ Tagged Images Printing (see [Printing tagged pictures, page 37](#))

- Press  to select **Off** or **On**.

■ Language

- Press **OK**, press  to select a language, then press **OK**.

■ Country/Region

- Press **OK**, press  to select a country or region, then press **OK**.

■ Reset All Settings (see [Resetting factory defaults, page 103](#))

NOTE: Resetting factory defaults does not change the date and time, language, country/region, or network settings.

■ Printer Info

- Press **OK** to view the Firmware Version number; press **OK** when you are done.

4 Press **Back** to return to the Main Menu.

Paper

For the best photo printing results, use KODAK Photo Papers, which are optimized to work with SAMSUNG All-in-One Printers.

For the best document printing results, use KODAK Document Papers or a paper with the COLORLOK Technology logo on the package. Use only paper that is designed for inkjet printers.

Paper types

You can print on:

- Plain paper — 16 to 24 lb / 60 to 90 gsm
- Photo paper — up to 12 mils / 290 gsm
- Card stock — 110 lb / 200 gsm, max
- Envelopes — most standard types
- Labels — all commercially available inkjet varieties on 8.5 x 11-in. or A4 sheets
- Iron-on transfers — all inkjet varieties on 8.5 x 11-in. or A4 sheets
- Transparencies — inkjet variety with white stripe on short edge

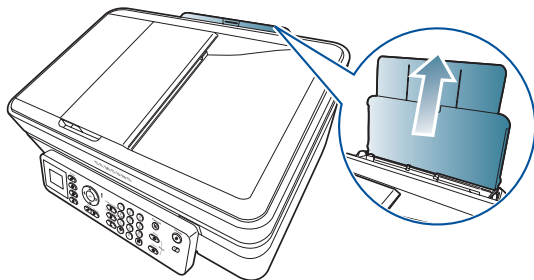
Paper sizes

You can print on the following paper sizes:

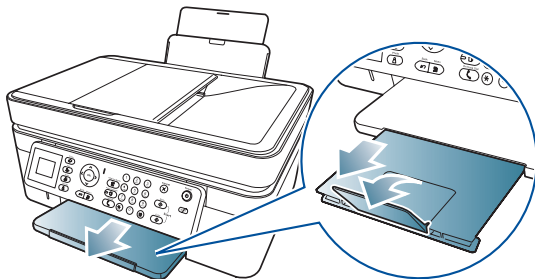
	Minimum size	Maximum size
English units	4 x 6 in.	8.5 x 14 in.
Metric units	10 x 15 cm	22 x 36 cm

Loading paper

- 1 Lift the input tray.



- 2 Pull out the paper output tray and the extender until they are fully extended.

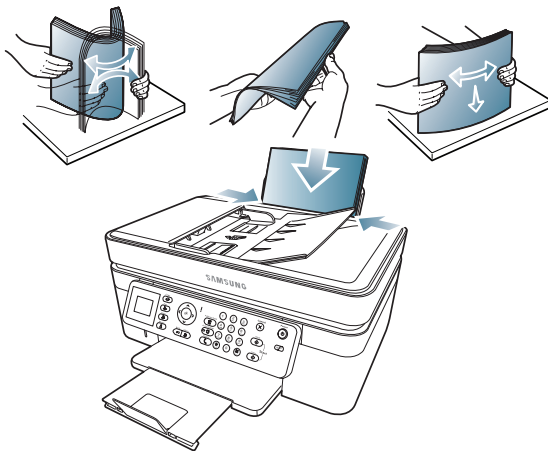


Loading plain paper

The input paper tray capacity is 150 sheets of plain paper.

To load plain paper:

- 1 Fan and stack the paper.
- 2 Make sure the left and right paper-edge guides are to the far left and far right, then insert the paper (short side first) into the input tray.
- 3 Move the paper-edge guides until they touch the paper.



Loading photo paper

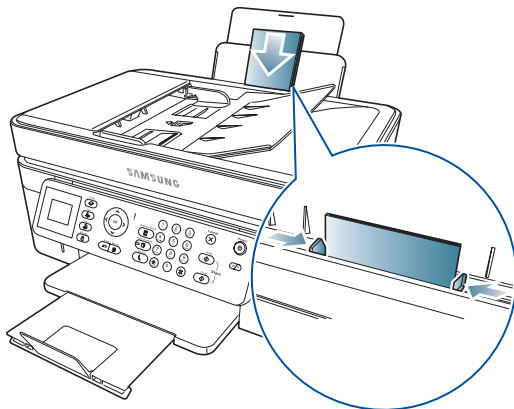
The input paper tray capacity is 20 sheets of photo paper.

To load photo paper:

- 1 Remove any paper from the input tray.
- 2 Insert the paper (short side first) into the input tray with the **logo side facing toward the tray** and the **glossy side toward you**.

IMPORTANT: *If the photo paper is loaded the wrong way, the image quality will be affected.*

- 3 Move the paper-edge guides until they touch the paper.



This section explains how to configure your wireless network settings.

Connecting to a wireless network

To connect your printer to an 802.11b/g/n wireless (Wi-Fi) network, refer to the following information.

Before you connect

You need:

- a wireless router.
- to determine whether your wireless router supports Wi-Fi Protected Setup (WPS).

NOTE: If you have specific questions about your router, see your router manufacturer's documentation for more information.

Connecting to a wireless network using the Wi-Fi Setup Wizard

You can use the Wi-Fi Setup Wizard on the printer to connect to your wireless network. Read the following procedures and use the one that is appropriate for your network setup.

Connecting to a non-WPS wireless router

To connect your printer to your wireless network, you need to know the network name, also called the Service Set Identifier (SSID). You can obtain your network name from the wireless router.

If your network has security enabled, you also need to know the Security String (passphrase or password).

Record your network information in the spaces below, using the correct uppercase and lowercase letters.

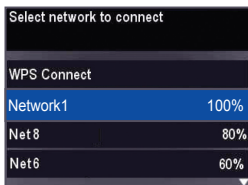
Network Name (SSID): _____

Security String (case-sensitive): _____

- 1 Press **Menu**.
- 2 Press **▼** to select **Network Settings**, then press **OK**.
- 3 With **Wi-Fi Setup Wizard** selected, press **OK**.

NOTE: The Wi-Fi radio turns on when you select Wi-Fi Setup Wizard.

The Wi-Fi connectivity LED blinks as the printer searches for available wireless networks within range, then displays the list in order of signal strength. For example:



If there are more networks than can be shown on the LCD, a ▼ (page down) symbol appears in the bottom right of the display.

- 4 Press to select your network, then press **OK**.

If you don't see your network in the list, or if you want to change your network, select **Rescan for Wireless Networks**, then press **OK**.

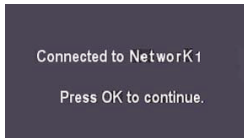
NOTE: If the name of your network is not listed, make sure your wireless router is turned on and within range.

- 5 If your network requires a password, use the LCD keyboard to enter your Security String.



On the control panel, press ▲, ▼, ◀ or ▶ to select the letters and numbers, using the correct uppercase and lowercase letters. Press **OK** after each character. When you are done, select **DONE**, then press **OK**.

- 6 When the confirmation message appears, press **OK**.



When the printer is successfully connected, the Wi-Fi connectivity LED will stop blinking and stay on steadily.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, Samsung CIX-2000FW+0034).

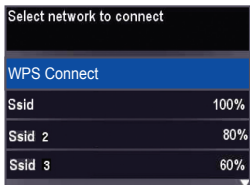
Connecting to a WPS wireless router

If your router supports Wi-Fi Protected Setup (WPS), you can use WPS Connect. WPS lets you configure your printer for a wireless network by pressing buttons or entering a PIN.

To connect to a network using WPS:

- 1 Press **Menu**.
- 2 Press ▼ to select **Network Settings**, then press **OK**.
- 3 With **Wi-Fi Setup Wizard** selected, press **OK**.
- 4 With **WPS Connect** selected, press **OK**.

NOTE: The Wi-Fi radio turns on automatically when you select Wi-Fi Setup Wizard.

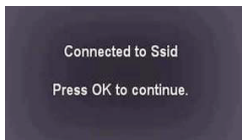


- 5 Select one of two methods of connecting:

IMPORTANT: Before you press **OK** on the printer, make sure you know where the router's push button is, or where to enter the generated PIN. If necessary, consult your Internet service provider or router device manufacturer's documentation for more information.

Pressing a button	Entering a PIN
<p>NOTE: You will have two minutes to press or select the WPS button. It may be a button on the device or a virtual button in the device's software.</p> <p>a With Push Button Configuration selected, press OK.</p> <p>b Press or select the WPS button for your wireless router.</p>	<p>a Press ▼ to select Generate WPS PIN, then press OK.</p> <p>b In your wireless router's software, locate the PIN screen.</p> <p>c Enter the PIN you received on the LCD into the PIN screen.</p>

- 4** When the confirmation message appears, press **OK**.



When the printer is successfully connected, the Wi-Fi connectivity LED stops blinking and stays on steadily.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, Samsung CIX-2000FW+0034).

Setting up an IP address

IMPORTANT: *You should only need to set up an IP address for your printer if you are having a problem with connecting. Typically, it is not necessary to set up an IP address. This procedure is for advanced users who know how to obtain the IP address for the printer.*

All IP address entries have the following format: 000.000.000.000. Within each three-digit grouping, the number must be right-justified. If an address or subnet mask has only one or two characters between the periods, include one or two leading zeros in front of that number. For example:

The address as it may appear in your documentation	How to enter the address in the printer menu
149.89.138.149	149.089.138.149
149.2.40.149	149.002.040.149

To set up your IP address on the printer:

- 1 Press **Menu**.
- 2 Press ▼ to select **Network Settings**, then press **OK**.
- 3 Press ▼ to select **Advanced IP Address Setup**, then press **OK**.
- 4 Press **OK** again to continue.

- 5 Select one of the following, then press **OK**:
 - **Dynamic (DHCP)**
 - **Manual (Static)**
- 6 If you selected **Manual (Static)**, you are prompted to enter an IP address, a Subnet Mask, a Gateway Address, and a DNS Server address. Press **OK** after each entry. Use the navigation buttons to enter each digit of the numbers.

Consult your Internet service provider or network administrator for more information.

Viewing the network configuration

To view the network configuration and verify that you are connected to your wireless network:

- 1 Press **Menu**.
- 2 Press ▼ to select **Network Settings**, then press **OK**.
- 3 Press ▼ to select **View Network Configuration**, then press **OK**.

The wireless or Ethernet network settings appear on the LCD, including:

 - Printer Hostname
 - Connection
 - Speed
 - IP Address
 - IP Address Type
 - Network Subnet
 - Connected Network SSID
 - Security

- Authentication
- Channel
- Region
- Radio (on/off)
- MAC Address

If the printer is connected to your network, you will see the network name and the word **CONNECTED**.

- 4 To scroll through the information, press ▼.
- 5 When you are done, press **OK**.

Printing the network configuration

To print the current network configuration:

- 1 Load plain paper into the printer. (see [Loading plain paper, page 10](#))
- 2 Press **Menu**.
- 3 Press ▼ to select **Network Settings**, then press **OK**.
- 4 Press ▼ to select **Print Network Configuration**, then press **OK**.

Changing the printer name

When the Online Printer Management Tool is displayed in the browser:

- 1 Select the **Network** tab.
- 2 Click **General**, then **Friendly name**, if necessary.
- 3 Highlight the text in the **Friendly name** field and type the name you want, then click **Save**.

Adding a wireless network connection to a USB-connected computer

You can change the way you connect to your printer at any time.

Changing from USB to a wireless connection

To change the printer connection type from USB to a wireless (Wi-Fi) network:

If your printer is connected to a computer with WINDOWS OS:

- 1** Unplug the USB cable from your printer and computer.
- 2** On the printer control panel, press **Menu**.
- 3** Press ▼ to select Network Settings, then press **OK**.
- 4** Press ▼ to select View Network Configuration, press **OK**, then confirm that the IP Address is not 0.0.0.0.
- 5** If you have not already done so, connect your printer to your wireless network.
- 6** Select **Start > All Programs > Samsung > Samsung Printer Setup Utility**.
 - If your wireless all-in-one printer (example: Samsung CJX-2000FW+0034) is not listed:
 - a** Select **No, my printer is not listed**, then click **Next**.
 - b** Select your printer from the list.
 - c** Select **Network - Wireless/Wi-Fi**, then click **Next**.
When your printer is detected, driver installation begins.

- If your wireless all-in-one printer (example: Samsung CJX-2000FW+0034) is listed:
 - a Highlight the all-in-one printer that is connected to your network.
 - b Select **Yes, my printer is listed**, then click **Next**.
When your printer is detected, driver installation begins.

7 When driver installation is complete, click **Done**.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, Samsung CJX-2000FW+0034).

If your printer is connected to a computer with MAC OS:

- 1** Unplug the USB cable from your printer and computer.
- 2** On the printer control panel, press **Menu**.
- 3** Press ▼ to select **Network Settings**, then press **OK**.
- 4** Press ▼ to select **View Network Configuration**, press **OK**, then confirm that the IP Address is not 0.0.0.0.
- 5** Select **Apple > System Preferences**.
- 6** Under Hardware, select **Print & Fax**.
- 7** In the Print & Fax dialog box, click +.
- 8** Select your printer from the list, then click **Add**.

The printer with a wireless connection is listed as the name of the printer plus a number (for example, Samsung CJX-2000FW+0034).

3

Basic Functions

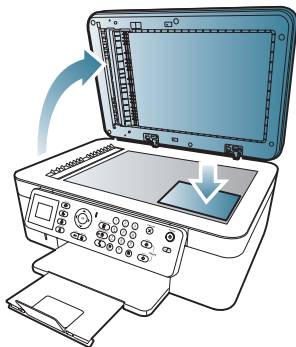
Loading originals

You can place originals for copying, scanning, or faxing on the scanner glass or in the ADF (automatic document feeder). The ADF automatically feeds the originals into the printer when you begin copying, scanning, or faxing.

Using the scanner glass

To place an original on the scanner glass:

- 1 Remove any originals from the automatic document feeder (ADF).
- 2 Lift the scanner lid, and place the document or picture face down in the right-front corner.
- 3 Close the scanner lid.



Using the Automatic Document Feeder (ADF)

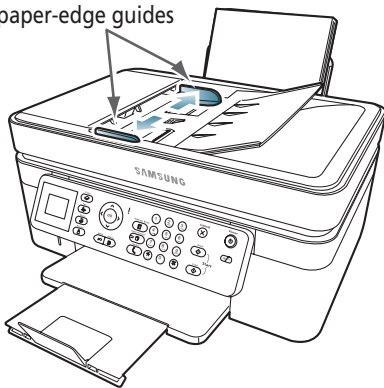
You can load up to 25 originals (16 to 24 lb / 60 to 90 gsm plain paper) in the automatic document feeder (ADF).

The ADF accepts originals from B5 (6.9 x 9.8 in. / 176 x 250 mm) to legal size (8.5 x 14 in. / 216 x 356 mm).

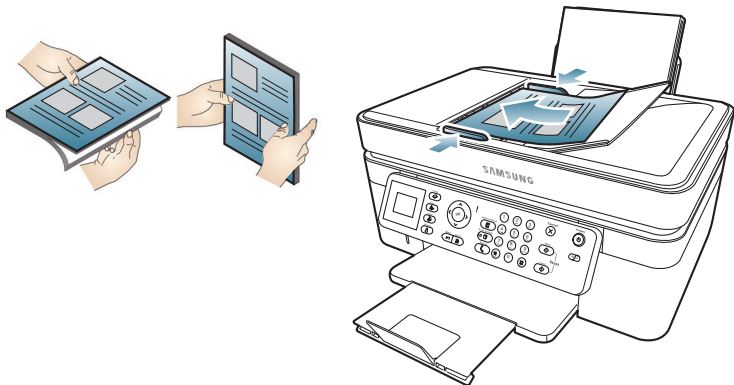
IMPORTANT: *Do not load photographs, cards, or any paper stock heavier than 24 lb / 90 gsm in the ADF.*

- 1 Move the ADF paper-edge guides outward.

ADF paper-edge guides



- 2 Fan and stack the originals, then insert them face up in the ADF.
- 3 Move the ADF paper-edge guides until they touch the paper.



Printing

Printing documents

To print a document from your computer:

- 1 Open the document.
- 2 Select **File > Print**.
- 3 In the Print window, select your SAMSUNG Printer.
- 4 Choose the pages to print, number of copies, etc, then click **OK** (on a computer with WINDOWS OS) or **Print** (on a computer with MAC OS).

Printing two-sided documents

You can print two-sided documents on any size paper that the printer accepts (see [Paper sizes, page 8](#)) by rotating the paper manually as described below.

IMPORTANT: *Two-sided printing can only be done on media that can absorb ink on both sides, such as plain paper or two-sided photo paper. Two-sided printing will not work on bar-coded photo paper (the bar code is on the back side).*

Printing two-sided documents from a computer with WINDOWS OS

To print two-sided documents from a computer with WINDOWS OS:

- 1 Load paper into the paper input tray.
- 2 Open the document you want to print, then select **File > Print**.
- 3 In the Print dialog box, make sure that **SAMSUNG CJX-2000FW Series AiO** (or for

a wireless connection, **SAMSUNG CIX-2000FW+XXXX**, where XXXX is a number) is selected, then click **Properties**.

- 4 Select the **Layout** tab.
- 5 In the Two-sided printing field, select Manual (Instructions provided), then click **OK**.
- 6 Click **OK**.
- 7 When a message appears on your computer or printer LCD, remove the printed pages from the output tray, and follow the instructions on the computer or LCD.
- 8 Turn the printed pages over, and place into the input tray (top edge down and printed side away from you).
- 9 Press **Start Black** or **Start Color** on the printer.

NOTE: It does not matter which **Start** button you press; the print job will continue printing in either color or black, depending on the document.

Printing two-sided documents from a computer with MAC OS

To print two-sided documents from a computer with MAC OS:

- 1 Load paper into the paper tray.
- 2 Open the document you want to print, then select **File > Print**.
- 3 In the Print dialog box, make sure that **SAMSUNG CIX-2000FW Series AiO** (or for a wireless connection, **SAMSUNG CIX-2000FW+XXXX**, where XXXX is a number) is selected.
- 4 In the **Copies & Pages** drop-down list, select **Paper Handling**.
- 5 In the **Pages to Print** drop-down list, select **Odd Only**.
- 6 In the **Page Order** drop-down list, select **Reverse**.

- 7** Click **Print**.
- 8** When the odd pages have finished printing, remove them from the output tray.
- 9** Turn the printed pages over, and place into the input tray (top edge down and printed side away from you).
- 10** Select **File > Print**.
- 11** In the **Copies & Pages** drop-down list, select **Paper Handling**.
- 12** In the **Pages to Print** drop-down list, select **Even Only**.
- 13** In the **Page Order** drop-down list, select **Normal**.
- 14** Click **Print**.

Printing pictures

You can print pictures with your all-in-one printer from:

- A memory card inserted into a memory card slot
- A storage device (such as a flash drive)

You can also print pictures using Print Manager Software from your computer with WINDOWS OS. Print Manager Software lets you edit and enhance your pictures quickly. Open Print Manager Software, select **Print Pictures**, then follow the on-screen instructions.

On a computer with either MAC OS or WINDOWS OS, you can print pictures from any picture-editing or photo-management software.

Viewing pictures on a memory card

When you insert a memory card into the memory card slot on your printer, the pictures on the card appear on the LCD. Press ◀ or ▶ to scroll through the pictures.

If the printer is idle for more than two minutes, the LCD will revert to the status display. To view the pictures again, press any button, then press ◀ or ▶.

Finding pictures on a memory card

Your printer can help you locate pictures on a memory card by the date the picture was taken or last saved.

To locate pictures:

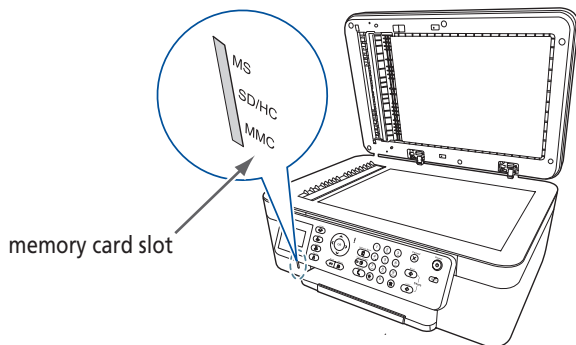
- 1 Insert the memory card into the memory card slot.
- 2 Press **Menu**.
- 3 Press ▼ to select **View / Print Photos**, then press **OK**.
- 4 Press ▼ to select **Find Photos**, then press **OK**.
- 5 In the View by Date menu, press ▼ to select Year, Month, or Day; press ◀ or ▶ to select the specific year, month, or day.
The number of photos found for the date you specified appears under the menu name. To view these pictures, press **OK**.
- 6 To view these pictures, press **OK**.

Printing pictures from a memory card

Your printer accepts the following memory cards:

- SD Card
- SDHC Card
- MMC Card
- MEMORY STICK
- Variations of the memory cards above that require an adapter (for example, MEMORY STICK Duo, miniSD, and microSD)

IMPORTANT: *If you use a memory card with an adapter, make sure you insert and remove the adapter and the memory card as a unit; do not remove the memory card while leaving the adapter in the printer.*

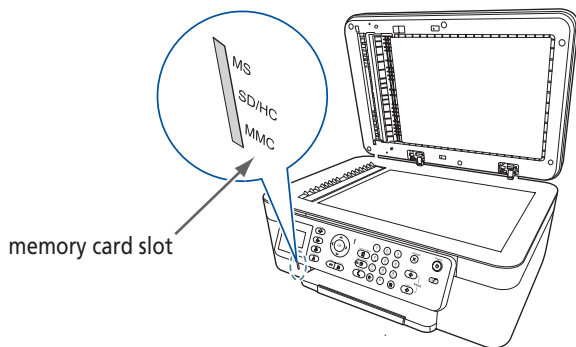


Using default settings to print a picture

Unless you change the default settings, the default for printing pictures is one 4 x 6 in. / 10 x 15 cm picture.

To print a picture from a memory card.

- 1 Insert the memory card into the appropriate slot.



- 2 Press ◀ or ▶ to select the picture you want to print.
- 3 Press **Start Black** to print a black-and-white picture, or **Start Color** to print a color picture.

The printer prints a single 4 x 6 in. / 10 x 15 cm picture.

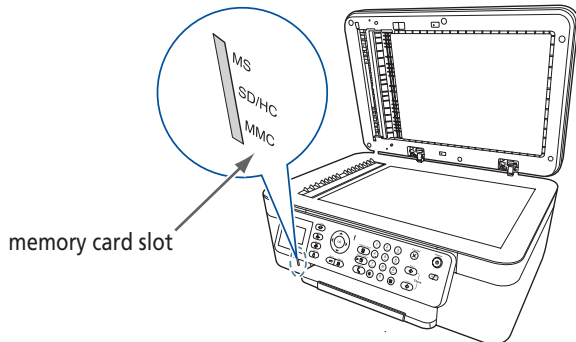
IMPORTANT: *To prevent loss of data from your memory card, do not remove it from the printer while printing.*

Changing the settings and printing pictures

You can change the print photos options for an individual picture or group of pictures, or you can change the settings and save them as the default.

To print a picture or pictures using settings other than the default settings:

- 1 Load photo paper with the glossy side toward you (see [Loading photo paper](#), page 11), and move the paper-edge guides until they touch the paper.
- 2 Insert the memory card into the memory card slot. A picture appears on the LCD.



- 3 Press ◀ or ▶ to select the picture you want to print, then press **OK**.
- 4 Repeat step 3 for each picture you want to print.
- 5 Press **Back** for Print Photos Options.
- 6 Press ▼ to select an option (see table below), then press ◀ or ▶ to change the setting.

Print Photos Option	Settings	Description
View Photos	--	Scroll through the pictures on the memory card; press OK to select the picture for printing; press Back to display the Print Photos Options menu.
Find Photos	--	Press OK , then select a year, month, and/or day to view photos by date that they were taken; press OK to view the photo(s); press Back to display the Print Photos Options menu.
Transfer All to PC	--	To transfer all the pictures on the memory card to your computer, press OK then press Start Black or Start Color . (It does not matter which Start button you press, but your printer and computer must be connected with a USB cable.)
Quantity	1 (default) to 99	The number of copies that print.

Print Photos Option	Settings	Description
Print Size	2 x 3 3.5 x 5 4 x 6 (default) 4 x 7 4 x 8 5 x 7 4 x 12 8 x 10 8.5 x 11 or A4	If the selected copy size is smaller than the paper in the paper tray, the printer automatically arranges the pictures to best fit the paper size.
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality, but the slowest print speed.
	Draft	The fastest print speed, but the lowest quality.
Photo Paper Quality	Auto. (default)	The printer detects photo paper in the paper tray and sets Best quality automatically.

Print Photos Option	Settings	Description
Scene Balance	On (default) Off	Adjusts the image brightness to correct for underexposure and reduces the variation in contrast in different areas of the picture.
Add Date to Prints	No (default) Yes	Prints the date of the picture(s) (the date the picture was taken or last edited) in a corner of the print.
Save as Defaults	No / Yes	To save the settings as the new default, press OK . With Yes selected, press OK .

NOTE: You can also adjust the print photo options using the Online Printer Management Tool. When viewing the tool in your browser, select the **Settings** tab, then select **Copy & Print > Print Photo**.

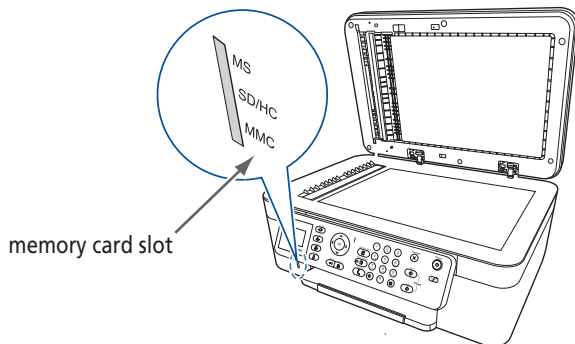
- 7** When you have finished changing settings, press **Start Black** to print a black-and-white picture, or **Start Color** to print a color picture.

IMPORTANT: *To prevent loss of data from your memory card, camera, or portable drive, do not remove it from the printer while printing.*

Printing panoramic pictures

To print a panoramic picture, load 4 x 12 in. / 10 x 31 cm paper, or US letter or A4 paper in the main paper tray.

- 1 Insert the memory card into the memory card slot.



- 2 Press ◀ or ▶ to select the panoramic picture you want to print, then press **OK**.
- 3 Press **Back** for Print Photos Options.
- 4 Press ▼ to select **Print Size**, then press ▶ to select **4 x 12**.
- 5 Press **Start Black** to print a black-and-white picture, or **Start Color** to print a color picture.

IMPORTANT: *To prevent loss of data from your memory card, do not remove it from the printer while printing.*

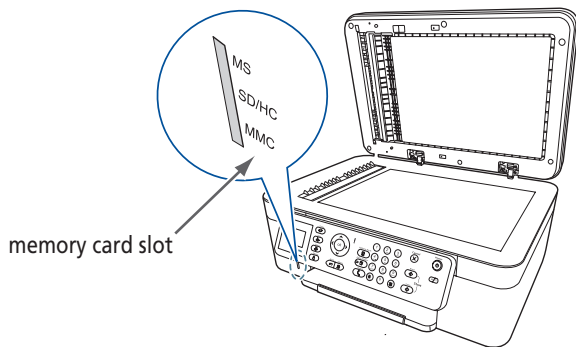
Printing tagged pictures

Some digital cameras let you tag (or "mark") pictures on the memory card for printing. This creates a tag that is recognized by the printer. If you choose to print tagged pictures, they will be printed according to the default settings on your printer (unless otherwise specified by the tag from the camera).

NOTE: Refer to your camera user guide to determine whether your camera supports tagged (also "marked" or "DPOF") functionality.

To print tagged pictures:

- 1 Insert the memory card into the memory card slot.



- 2 When the "Print tagged images?" message appears, press **Start Black** to print a black-and-white picture, or **Start Color** to print a color picture.

Copying

IMPORTANT: *Do not load photographs, cards, or any paper stock heavier than 24 lb / 90 gsm in the ADF.*

You can copy documents and photographs with your all-in-one printer. The printer produces high-quality color or black-and-white copies on a variety of paper types (see [Paper types, page 8](#)).

Loading originals for copying

To copy documents (up to 30 pages) on plain paper, load the original(s) in the automatic document feeder (ADF).

To copy a photograph, documents on thick paper, or a document that is too small or too large to fit in the ADF, place the original on the scanner glass. (The ADF accepts originals from 6.9 x 9.8 in. / 18 x 25 cm to 8.5 x 14 in. / 22 x 36 cm.)

For more information on loading originals, see [Loading originals, page 84](#).

Copying a document

You can copy a document using the default settings, or you can adjust the quantity, size, quality, and brightness of your copies.

Using the default settings to copy a document

The default settings are either the factory default settings (see [Resetting factory defaults, page 103](#)), or defaults that you have set on the printer (see [Save as Defaults, page 35](#)).

To copy a document using the current default settings:

- 1 Place the original document in the ADF or on the scanner glass.
- 2 Press **Copy**.
- 3 Press **Start Black** to make a black-and-white copy, or press **Start Color** to make a color copy.

NOTE: If you load the original document in the ADF, the ADF automatically feeds the document into the printer when you begin copying.

Adjusting the settings and copying a document

To copy a document using settings other than the default settings:

- 1 Place the original document in the ADF or on the scanner glass.
- 2 Press **Copy**.
The Copy Document Options menu appears on the LCD.
- 3 Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Copy Document Option	Settings	Description
Quantity	1 (default) to 99	The number of copies that print.

Copy Document Option	Settings	Description
Copy Size	Same Size (default)	The copy is the same size as the original.
	Fit to Page	The printer detects the size of the original on the scanner glass and the size of the paper in the paper tray, and automatically reduces or enlarges the original so that the copy fits on the paper.
	20% to 500%	Reduces down to 20% or enlarges up to 500% of the original size.
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality, but the slowest print speed; eliminates the banding effect that sometimes occurs when printing Draft or Normal.
	Draft	The fastest print speed, but the lowest quality.

Copy Document Option	Settings	Description
Photo Paper Quality	Auto. (default)	The printer detects photo paper in the paper tray and sets Best quality automatically.
Brightness	Normal, -3 to +3 (Normal is default)	Lightens or darkens the copy. Normal is no change from the original; -3 is the darkest; +3 is the lightest.
Save as Defaults	No / Yes	To save the settings as the new default, press OK . With Yes selected, press OK .

- 4** Press **Start Black** to make a black-and-white copy, or press **Start Color** to make a color copy.

Changing the number of copies of a document

To change the number of copies:

- 1 Place the original document in the automatic document feeder (ADF) or on the scanner glass.
- 2 Press **Copy**.
The Copy Document Options menu appears on the LCD.
- 3 Make sure **Quantity** is selected.
- 4 Press ◀ or ▶ to select a number, or use the numeric keypad to enter the number of copies.
- 5 Press **Start Black** to make black-and-white copies, or press **Start Color** to make color copies.

Enlarging or reducing a document

To enlarge or reduce the size of the copy:

- 1 Place the original document in the automatic document feeder (ADF) or on the scanner glass.
- 2 Press **Copy**.
The Copy Document Options menu appears on the LCD.
- 3 Press to select **Copy Size**.
- 4 Press ◀ or ▶ to select an enlargement or reduction.
- 5 Press **Start Black** to make black-and-white copies, or press **Start Color** to make color copies.

Darkening or lightening a copy

To darken or lighten the copy:

- 1 Place the original document in the automatic document feeder (ADF) or on the scanner glass.
- 2 Press **Copy**.
The Copy Document Options menu appears on the LCD.
- 3 Press ▼ to select **Brightness**.
- 4 Press ◀ to select a number below zero for a darker copy, or press ▶ to select a number above zero for a lighter copy.
- 5 Press **Start Black** to make a black-and-white copy, or press **Start Color** to make a color copy.

Copying a photograph

You can copy a photograph using the default settings, or you can adjust the quantity, size, quality, and brightness of your copies.

Using the default settings to copy a photograph

The default settings are either the factory default settings (see [Resetting factory defaults, page 103](#)), or defaults that you have set on the printer (see [Save as Defaults, page 35](#)).

To copy a photograph using the current default settings:

- 1 Place the original photograph face down on the scanner glass.

IMPORTANT: *Do not load photographs in the automatic document feeder (ADF).*

- 2 Press **Menu**.
- 3 Press ▼ to select **Copy Photo**.
- 4 Press **Start Black** to make a black-and-white copy, or press **Start Color** to make a color copy.

Adjusting the settings and copying a photograph

To copy a photograph using settings other than the default settings:

- 1 1. Place the original photograph face down on the scanner glass.

IMPORTANT: *Do not load photographs in the automatic document feeder (ADF).*

- 2 Press **Menu**.
- 3 Press ▼ to select **Copy Photo**, then press **OK**.
- 4 Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Copy Photo Option	Settings	Description
Quantity	1 (default) to 99	The number of copies that print.
Copy Size	2 x 3 3.5 x 5 4 x 6 (default) 4 x 7 4 x 8 5 x 7 4 x 12 8 x 10 8.5 x 11 or A4	<p>The printer enlarges or reduces the original to make it the copy size you select.</p> <p>If the selected copy size is smaller than the paper in the paper tray, the printer automatically arranges the pictures to best fit the paper size.</p>
Plain Paper Quality	Normal (default)	Good quality output; prints faster than Best.
	Best	The highest quality, but the slowest print speed; eliminates the banding effect that sometimes occurs when printing Draft or Normal.
	Draft	The fastest print speed, but the lowest quality.




Basic Functions

Copy Photo Option	Settings	Description
Photo Paper Quality	Auto. (default)	The printer detects photo paper in the paper tray and sets Best quality automatically.
Brightness	Normal, -3 to +3 (Normal is default)	Lightens or darkens the copy. Normal is no change from the original; -3 is the darkest; +3 is the lightest.
Preview	No (default) Yes	To see a preview of the photograph on the LCD, select Yes .
Save as Defaults	No / Yes	To save the settings as the new default, press OK . With Yes selected, press OK .

- 5** Press **Start Black** to make a black-and-white copy, or press **Start Color** to make a color copy.





Changing the number of copies of a photograph

To change the number of copies:

- 1 Place the original photograph face down on the scanner glass.
- 2 Press **Menu**.
- 3 Press  to select **Copy Photo**, then press **OK**.
- 4 Make sure **Quantity** is selected.
- 5 Press  or  to select a number, or use the numeric keypad to enter the number of copies.
- 6 Press **Start Black** to make black-and-white copies, or press **Start Color** to make color copies.

Enlarging or reducing a photograph

To enlarge or reduce the size of the copy:

- 1 Place the original photograph face down on the scanner glass.
- 2 Press **Menu**.
- 3 Press  to select **Copy Photo**, then press **OK**.
- 4 Press  to select **Copy Size**.
- 5 Press  or  to select the copy size.
- 6 Press **Start Black** to make black-and-white copies, or press **Start Color** to make color copies.

Darkening or lightening a photograph

To darken or lighten the copy:

- 1 Place the original photograph face down on the scanner glass.
- 2 Press **Menu**.
- 3 Press ▼ to select **Copy Photo**, then press **OK**.
- 4 Press ▼ to select **Brightness**.
- 5 Press ◀ to select a number below zero for a darker copy, or press ▶ to select a number above zero for a lighter copy.
- 6 Press **Start Black** to make black-and-white copies, or press **Start Color** to make color copies.

Scanning

IMPORTANT: *Do not load photographs, cards, or any paper stock heavier than 24 lb / 90 gsm in the ADF.*

Scanning digitizes documents and pictures, and sends the digital files to your computer.

When you scan, the digital file can:

- Open in Print Manager Software (when connected to a computer with WINDOWS OS)
- Open in a third-party scanner software
- Be saved in a format and location that you determine (see [Changing the scan settings for scanning from the control panel, page 50](#)).

Scanning from a software program on the computer (such as Print Manager Software) gives you more options, but you can also scan from the printer control panel.

Before you begin scanning

Make sure that the printer is connected to a computer using a USB cable or wireless network (see [Chapter 2, Networking Your Printer, page 13](#)).

If you want to scan to an email address or to a shared network folder, you need to set up profiles using the Online Printer Management Tool (see [Adding a profile and address book for Scan To Email, page 54](#) and [Adding a profile for Scan To Network Folder, page 57](#)).

Changing the scan settings for scanning from the control panel

Adjust the scan settings that the printer uses before you scan from the printer control panel.

NOTE: The settings in the Print Manager Software only apply when Scanning to Computer, Scanning to Memory Card, from the printer control panel.

- 1 Open the Printer Tools window.
 - On a computer with WINDOWS OS, select **Start > All Programs > Samsung > Samsung AiO Printer Tools**.
 - On a computer with MAC OS, open Print Manager Software, then select the **Tools** tab.
- 2 Under the Tools heading, select **Printer Scan Settings**.
- 3 Adjust settings for scanning documents and pictures:
 - a To select a program that scanned images or documents will appear in when you scan from the printer control panel:
 - (1) Select the **General** tab.
 - (2) Under the Program List heading, click ▼ next to the currently selected program.
 - (3) From the drop-down list, select the program in which you want the scanned files to open.

- b** To adjust settings for scanning documents, select the Document tab, then select an option for each setting:

Setting	Options
File format	<p>.pdf</p> <p>.rtf (available only when connected to a computer with WINDOWS OS)</p> <p>.tif</p> <p>.jpg</p> <p>.bmp (available only when connected to a computer with MAC OS)</p>
Resolution (dpi)	<p>75</p> <p>150</p> <p>200</p> <p>300</p>
File Save	<p>Prompt for File Name and Location</p> <p>Automatically Save - specify:</p> <ul style="list-style-type: none"> ■ Base name; by default, scanned files are names "scan1", "scan2", and so on. ■ Location (folder) where the scanned files will be saved

- c** To adjust settings for scanning pictures, select the **Picture** tab, then select an option for each setting:

Setting	Options
File format	.jpg .bmp .tif
Resolution (dpi)	75 150 200 300 600
Quality	When connected to a computer with WINDOWS OS: <input type="checkbox"/> Best for E-mail <input type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Maximum

Setting	Options
Quality	When connected to a computer with MAC OS, a slider bar with: <input type="checkbox"/> Least <input type="checkbox"/> Medium <input type="checkbox"/> Best
Automatically Detect Pictures (when connected to a computer with WINDOWS OS) or Auto Crop (when connected to a computer with MAC OS)	When selected, multiple pictures placed on the scanner glass are saved as separate files.
File Save	Prompt for File Name and Location Automatically Save - specify: <input type="checkbox"/> Base name; by default, scanned files are names "scan1", "scan2", and so on. <input type="checkbox"/> Location (folder) where the scanned files will be saved

NOTE: Before you save a scanned file, you will be able to preview it in Print Manager Software, crop and sharpen the image, and adjust color, if desired. On a computer with WINDOWS OS, see the Print Manager Software Help (? icon) for instructions.

- 4 When you are finished making selections, click **OK** on the bottom right of the Printer Scan Settings window.

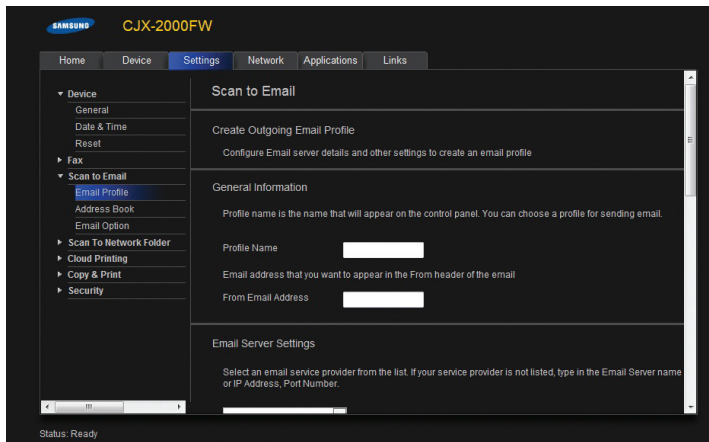
- 5 Close the Printer Tools window.

Adding a profile and address book for Scan To Email

You can send one or more scans directly to an email recipient from the printer, but first you need to set up a profile for yourself and define one or more email addresses.

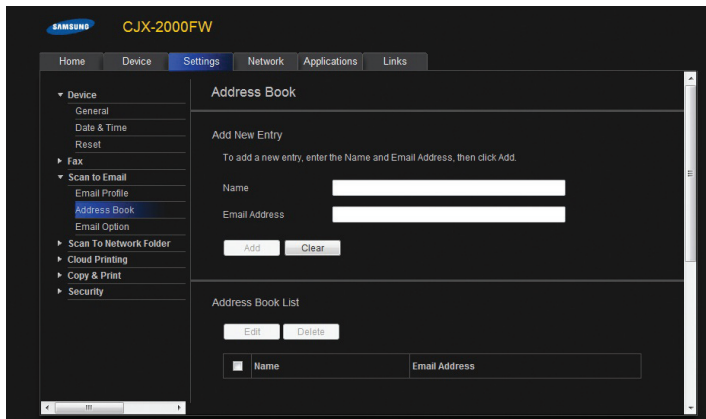
- 1 Open the Online Printer Management Tool in a browser.
- 2 Select the **Settings** tab, then click **Scan To Email > Email Profile**.
- 3 Click **Add New Outgoing Email Profile**.
- 4 In the **Profile Name** field, type a name that has meaning to you; for example, your initials and location, such as AZ Room 4.
This name will appear on the control panel for you to select when initiating a scan to be sent through email.

- 5 For **From Email Address**, type your email address.
Although the email will be sent from the printer, any replies will go to your Inbox.



- 6 Enter your server information. This information can be obtained from the email account properties fields in your email client application (Outlook Express, Outlook, Eudora, etc) or directly from your ISP.
- a In the **SMTP Server** field, type the address of your mail server.
 - b In the **SMTP Port Number**, type the port number of your mail server.
 - c Select the **Always use a secure connection...** check box.

- 7 If your SMTP server requires authentication when you connect from your email client application:
 - a Select the **The email server requires authentication for outgoing email** check box.
 - b Type the **User ID** and **Password**.
- 8 If you want to control who is able to use your profile for sending a scan using your email account:
 - a Select the **Enable Access Pin** check box.
 - b Type a 4-digit numeric **PIN** (your choice). You will need to enter this PIN each time you access your profile when scanning to an email address.
- 9 Click **Test Profile** to have the printer confirm that it can access your account on the SMTP server.
- 10 Enter email addresses of people to whom you want to send scans by email.
 - a Click the **Address Book** selection in the menu to the left.
 - b For each person:
 - (1) Type the person's **Name**.
 - (2) Type the person's **Email Address**.
 - (3) Click **Add**.



You are now ready to send a scan to an email address from the printer control panel.

Adding a profile for Scan To Network Folder

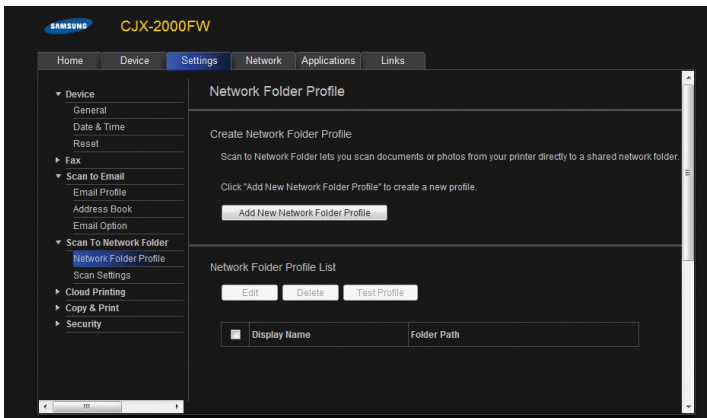
You can scan documents or photos directly to a file in a shared folder on your network. This saves time and allows you to keep a permanent record.

To add a network folder profile on your printer's control panel, you first need to identify or create a network shared folder on a computer connected to the same network as your printer. Note the network name of the folder, including the path information, and the name of the computer where it is located.

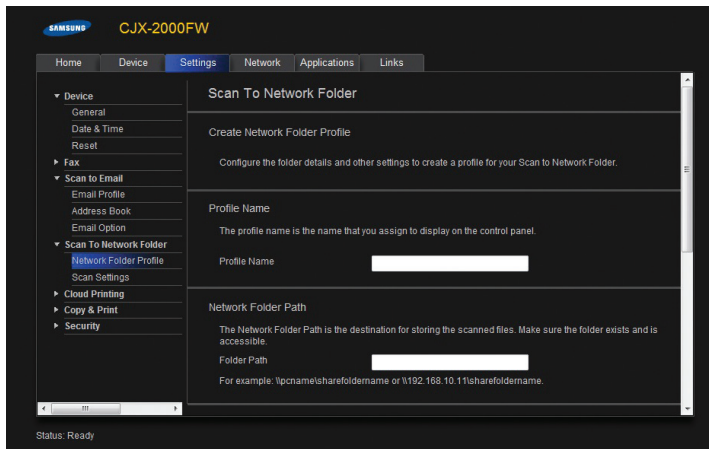
To learn more about sharing folders, see the information in the links below.

Basic Functions

- For computers with WINDOWS XP OS, see www.microsoft.com/windowsxp/using/networking/maintain/share.mspix
 - For computers with WINDOWS VISTA OS, see technet.microsoft.com/en-us/library/bb727037.aspx
 - For computers with WINDOWS 7 OS, see windows.microsoft.com/en-US/windows7/File-sharing-essentials
 - For computers with MAC OS 10.5 or later, see support.apple.com/kb/ht1549
- 1 Open the Online Printer Management Tool in a browser.
 - 2 Select the **Settings** tab, then click **Scan to Network Folder > Network Folder Profile**.
 - 3 Click **Add New Network Folder Profile**.



4 Type a **Profile Name** and a **Folder Path**.



- 5 If the computer where the folder is located requires authentication to access its shared folders, type the network login **User Name** and **Password**.
 - 6 If you want to control who is able to use your profile to scan documents to your network folder, select the **Enable Access PIN** check box and type a 4-digit numeric **PIN**.
 - 7 Click Test Profile to have the printer confirm that it can access the network folder.
- You are now ready to scan a document or photo to your network folder from the printer control panel.

Loading originals for scanning

To scan documents on plain paper, load the original(s) in the automatic document feeder (ADF).

To scan a photograph, documents on thick paper, or a document that is too small or too large to fit in the ADF, place the original on the scanner glass. (The ADF accepts originals from 6.9 x 9.8 in. / 18 x 25 cm to 8.5 x 14 in. / 22 x 36 cm.)

Scanning from the computer

To scan a document or a picture on a computer:

- 1 Load the original.
- 2 Open Print Manager Software.
 - On a computer with WINDOWS OS, double-click **Scan Documents and Pictures**, then follow the on-screen instructions.
 - On a computer with MAC OS and Print Manager Software, select the **Tools** tab, click **Scan Application**, then follow the on-screen instructions.

NOTE: If you are not using Print Manager Software, open a program that allows you to scan, then follow the instructions.

Scanning multiple pictures simultaneously

Using Print Manager Software, you can scan multiple pictures simultaneously and save them as separate files.

When scanning multiple pictures, leave space between the pictures so that the printer can detect the separate pictures. Any pictures that overlap are interpreted as a single picture.

Scanning multiple pictures when connected to a computer with WINDOWS OS

To scan multiple pictures simultaneously, and save them as separate files:

- 1 Lift the scanner lid, and place the pictures face down on the glass, leaving space between the pictures.
- 2 Close the lid.
- 3 Open Print Manager Software, then double-click **Scan Documents and Pictures**.
- 4 Make sure that **Picture** is selected and **Collage - Combine all pictures** is cleared, then follow the on-screen instructions.

NOTE: Click the Help icon for additional instructions.

Scanning multiple pictures when connected to a computer with MAC OS

To scan multiple pictures simultaneously, and save them as separate files:

- 1 Lift the scanner lid, and place the pictures face down on the glass, leaving space between the pictures.
- 2 Close the lid.
- 3 Open Print Manager Software, then select your printer.
- 4 Select the **Tools** tab.
- 5 Click **Scan Application**.
- 6 Select **Color Picture** or **Black and White Picture**.
- 7 Select **Automatically detect multiple pictures**, if it is not selected.
- 8 Click **Preview** or **Scan All**, then follow the on-screen instructions.

NOTE: Click the Help icon for additional instructions.

Scanning from the control panel

To scan a document or picture(s) from the control panel:

- 1** Load the original.
- 2** Press Scan.
The Scan Menu appears on the LCD with the following options:
 - Scan to Computer - used to scan to a file or application on your computer
 - Scan to Memory Card - used to scan to a memory card
 - Scan to Email - used to scan to an email address
 - Scan to Network Folder - used to scan to a shared network folder on another computer
- 3** Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Scan Option	Settings	Description
Scan To	USB computer (default)	The scanned file is sent to the USB-connected computer.
	Name of computer (only if a computer is connected by wireless network)	The scanned file is sent to the computer on the wireless or Ethernet network.
	Memory Card	The scanned file is sent to the memory card in the memory card slot
	Email	The scanned file is sent to an email address that you select from the Email Profile you set up in the Online Printer Management Tool (see Adding a profile and address book for Scan To Email , page 54).
	Network Folder	The scanned file is sent to a shared folder that you designated in the Online Printer Management Tool (see Adding a profile for Scan To Network Folder , page 57).

Scan Option	Settings	Description
Scan What	Document (default)	Sets the scan settings for scanning a document (see Changing the scan settings for scanning from the control panel, page 50).
	Photo	Sets the scan settings for scanning a photograph (see Changing the scan settings for scanning from the control panel, page 50).
Destination	File (default)	Sends the scanned file in the format and to the destination on your computer that you designate (see Changing the scan settings for scanning from the control panel, page 50).
	Application	Sends the scanned file to Print Manager Software.
Save as Defaults	No / Yes	To save the settings as the new default, press OK . With Yes selected, press OK .

- 4** Press **Start Black** to make a black-and-white scan, or press **Start Color** to make a color scan.

The scanned file appears at the destination you specified.

Scanning from the Online Printer Management Tool

You can scan from the printer using the Online Printer Management Tool without having any drivers installed.

- 1 When viewing the Online Printer **Management** Tool in a browser, select the Applications tab, then click **Applications > Webscan**.
- 2 Select the type of scan you want, and place the original on the scanner glass.
- 3 Click **Preview** to see what will be scanned.
 - If needed, click **Clear** to reposition the image.
- 4 When you are satisfied with the image, click **Scan** to capture the image. It will display in a new browser window.
- 5 In the new browser window, select **File > Save As** to save the image as a JPEG file on your computer.

Faxing

Before you begin faxing

Before you can send or receive faxes, you must connect your printer and set up the fax options on the printer.

Connecting the printer for faxing

Selecting the country/region

For the fax to work properly, the country or region selected on the printer must match your location. This setting determines how your faxes are sent and received.

To set the correct country or region:

- 1 Press **Menu**.
- 2 Press ▼ to select **Printer Settings**, then press **OK**.
- 3 Press ▼ to select **Country/Region**, then press **OK**.
- 4 Press ▼ to select your country or region, then press **OK**.

Determining your telephone system type

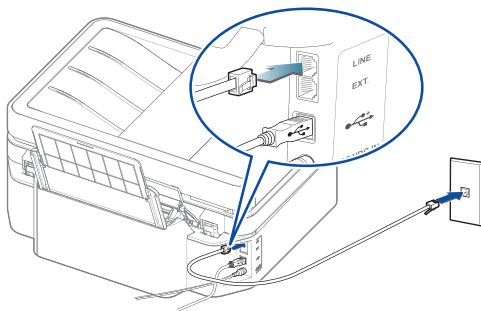
The instructions for setting up your printer for faxing differ depending on the type of telephone service you have. Determine the type of telephone service you have, and connect your printer accordingly.

IMPORTANT: *Use the phone cord that was provided with the printer. If you use any other phone cord, you may not be able to send or receive faxes successfully.*

- **Standard telephone service** — telephone service that uses dedicated telephone wiring to transmit only phone signals
- **Cable telephone service** — telephone service that is delivered by a cable television service
- **Digital Subscriber Line (DSL)** — telephone service that uses the wires of a local telephone network to transmit digital data over cables
- **Internet telephone service (Voice-Over-Internet-Protocol or VOIP)** — telephone service delivered by an Internet provider

Connecting the printer to a Standard or Cable telephone service

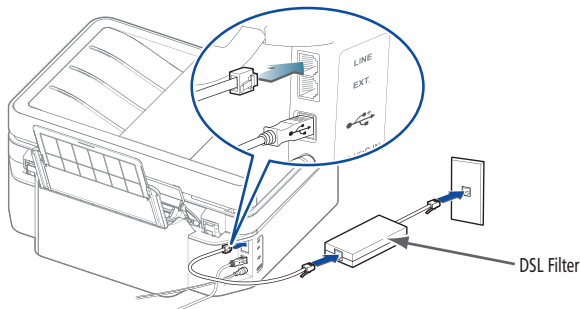
If you have Standard or Cable telephone service, connect one end of the phone cord that came with the printer into the LINE IN port on the back of the printer and the other end into the wall phone jack.



Connecting the printer to a Digital Subscriber Line (DSL)

If you have DSL telephone service, connect one end of the phone cord that came with the printer into the LINE IN port on the back of the printer and the other end into the DSL filter (available from your DSL provider), which is connected to the wall phone jack.

NOTE: You must use a DSL filter to transmit fax signals properly to your printer.

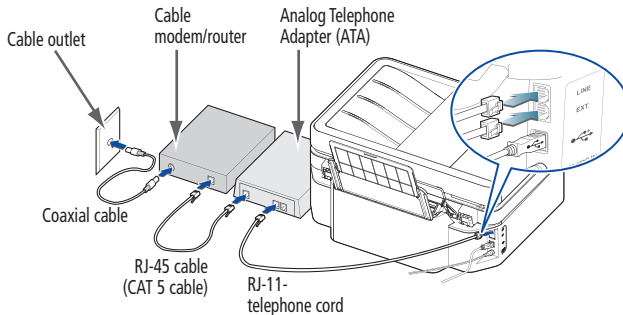


Connecting to Internet telephone service (Voice-Over-Internet Protocol or VOIP)

If you have Internet telephone service, you should already have a cable modem/router connected to the cable outlet with a coaxial cable. You will also need an Analog Telephone Adapter (ATA) to connect your printer for faxing.

NOTE: Sometimes the cable modem/router has a built-in ATA. Contact your cable telephone service provider for more information.

- 1 Connect an RJ-45 (also called CAT 5) cable from the cable modem/router to the WAN port on the Analog Telephone Adapter (ATA).
- 2 Connect one end of the phone cord that came with the printer (RJ-11 telephone cord) to one of the phone input ports on the ATA and the other end to the LINE IN port on the back of your printer.



Determining whether your phone line is dedicated or shared

To connect your printer for faxing correctly, you need to determine whether your phone line is shared or dedicated

- A dedicated phone line is one that has only this printer and no other devices connected to it. If you have a dedicated line, connect your printer as described for your type of phone service (see [Connecting the printer to a Standard or Cable telephone service, page 67](#), [Connecting the printer to a Digital Subscriber Line \(DSL\), page 68](#), or [Connecting to Internet telephone service \(Voice-Over-Internet Protocol or VOIP\), page 69](#)).
- A shared phone line is one that has several devices connected to it, such as a phone and/or answering machine as well as the printer. If you have a shared line, connect your printer in one of the following ways, based on the devices you have connected to the same phone line.

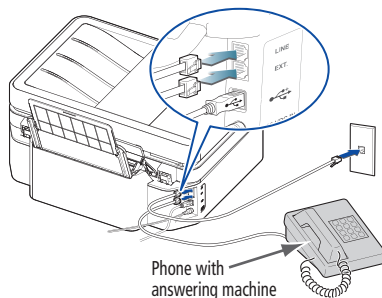
If you share the line with an answering machine or telephone:

- 1 Connect one end of the phone cord that came with the printer into the LINE IN port on the back of the printer.
- 2 Connect the other end of the phone cord into either a wall phone jack or a DSL filter, depending on the type of telephone service you use.
- 3 Connect one end of the phone cord for your answering machine into the LINE EX port on the back of the printer.

- 4** Connect the other end of the phone cord into the answering machine or telephone.

NOTE: If you have an answering machine, set the number of rings to answer on the printer to a higher number than the rings to answer for the answering machine. (see [Rings to Answer](#), page 74)

Configuration for connecting an answering machine with a standard telephone service



If you have an answering service:

If you have an answering service that uses a computerized system for recording messages remotely for the same phone line that you use for your all-in-one printer, then you can set up a distinctive ring to receive faxes automatically (see [Distinctive Ring](#), page 76).

If you do not set up a distinctive ring, you can still receive faxes manually (see [Receiving a fax manually](#), page 87).

Entering fax sender information

Fax sender information is the name, fax, and phone number that appear in the header of any fax that you send from your all-in-one printer. Typically this is your name or your business name, your fax number, and your phone number.

NOTE: If you do not enter fax sender information, the header on faxes that you send will be blank.

To enter fax sender information:

- 1 Press **Menu**.
- 2 Press **▼** to select **Fax Settings**, then press **OK**.
- 3 With **Fax Sender Information** highlighted, press **OK**.
- 4 Use the numeric keypad on the control panel to enter:
 - your name or business name
 - your fax number
 - your phone number
(see [Using the numeric keypad on the control panel to enter text, page 82](#))
- 5 When you are finished entering information in a field, press **▼** to move to the next field.
- 6 Press **OK** to save the information.

Setting fax options

Before sending or receiving faxes, set up the fax options.

To set up fax options from the control panel:

- 1 Press **Menu**.
- 2 Press ▼ to select **Fax Settings**, then press **OK**.
- 3 Press ▼ to select an option, then press ◀ or ▶ to change the setting.

Fax Option	Settings	Description
Fax Sender Information	--	<p>This information appears on the faxes you send.</p> <p>Press OK, then enter the fax sender name (your name), your fax number, and your phone number; press OK to save (see Using the numeric keypad on the control panel to enter text, page 82).</p>

Fax Option	Settings	Description
Rings to Answer	1 to 6 (default is 4)	<p>The number of times that your phone will ring before the printer picks up the call.</p> <p>If you use a dedicated phone line for your printer, set the Rings to Answer to any setting. If the printer shares the phone line with an answering machine, set the Rings to Answer to a higher number (5 or 6) than the rings to answer for the answering machine (typically 4 rings). This allows the answering machine to pick up phone calls. The printer will monitor the line after the answering machine picks up, and, if set to Auto Answer, will detect an incoming fax and receive it.</p>
Redial if No Answer	Yes (default) / No	If the number you call is busy, the printer will redial the number once automatically.
Busy Redial Attempts	0 to 12 (default is 5)	The number of times that the fax will attempt to redial a busy number.

Fax Option	Settings	Description
Disable Call Waiting	No (default) / Yes	<p>Yes If you have call-waiting service on your phone line, you can disable it so that an incoming call does not interrupt your fax transmission.</p> <p>Select Yes to disable call waiting, then enter the call waiting disable code (below).</p>
Call Waiting Disable Code	*70 (default)	<p>The printer automatically dials the call waiting disable code before dialing the number to which you are sending a fax. This code disables call waiting for the duration of the fax, preventing incoming calls from interrupting your fax transmission.</p> <p>The usual code to disable call waiting is the default *70. If the call waiting disable code is different in your area, press OK, then press ◀ to erase the current code. Use the keypad to enter the correct code, then press OK.</p> <p>NOTE: You must enable call waiting manually after your fax transmission.</p>

Fax Option	Settings	Description
Distinctive Ring	Any ring (default) / Single Ring / Double Ring / Triple Ring	<p>This service, available from most phone companies, adds multiple phone numbers to one phone line. Each phone number then has a distinctive ring pattern (single, double, or triple ring) to let you know which number is ringing.</p> <p>Select the ring pattern assigned to the phone number for the printer so the printer can receive faxes automatically.</p>
Fax Speaker	On (default) / Off	The fax speaker allows you to hear the dial tone and initial fax tones when sending faxes.
Print Fax Confirmation Page	Never (default) / Always / After Failure Only	The Fax Confirmation Page contains the time and date, the number you called, the number you called from, and whether the transmission was successful.

Fax Option	Settings	Description
Print Fax Settings	--	To print the current fax settings, press OK . Load letter or A4 paper, then press Start Black or Start Color .
Print Fax Cover Page	--	<p>The Fax Cover Page shows the date and headings for To and From information for your fax. Use this cover page, if needed, when sending your fax.</p> <p>To print a Fax Cover Page, press OK. Load letter or A4 paper, then press Start Black or Start Color. (The Fax Cover Page is black and white.)</p>
Print Fax Activity Log	--	<p>The Fax Activity Log contains information (date, time, duration, to/from, number of pages, and more) about the last 30 faxes sent and/or received.</p> <p>To print a Fax Activity Log, press OK. Load letter or A4 paper, then press Start Black or Start Color.</p>

Fax Option	Settings	Description
Dialing Mode	Tone (default) / Pulse	<p>Determines how the printer dials a fax number.</p> <p>Tone dialing (the more common method) uses tones to dial a phone number. It is faster and more reliable than pulse dialing, which uses a series of pulses to dial a phone number.</p> <p>Traditionally, pulse dialing was used by rotary phones; tone dialing is used by touch-tone phones.</p>
Error Correction	On (default) / Off	<p>Error correction is applied only when sending black-and-white faxes. It reduces the loss of data, which can occur on poor phone lines.</p> <p>Error correction increases the send time on poor phone lines, but the transmission is much more reliable. (Error correction does not apply to faxes being received.)</p>

To adjust fax settings from the Online Printer Management Tool:

- 1 Open the Online Printer Management Tool in a browser.

- 2 Select the **Settings** tab, then click **Fax > Settings**.
- 3 Change the **Sender Information** and/or fax **Settings** as needed.
- 4 Click **Save** to update the settings on the printer.

Setting the answer mode (auto answer or manual)

The default setting is for Auto Answer to be on. When Auto Answer is on, the printer picks up all incoming faxes automatically. The green Auto Answer LED is lit when Auto Answer is on.

To answer calls manually, turn off Auto Answer by pressing the **Auto Answer** button so that the green LED is off. (see [Receiving a fax manually, page 87](#))

Working with the phonebook

You can enter up to 60 fax numbers in the phonebook.

You can create and manage the phonebook from the printer LCD, or if connected to a computer with WINDOWS OS, you can use Print Manager Software.

You can also use the Online Printer Management Tool to edit the Fax Phone Book.

Using symbols in phonebook entries

The following symbols are used in phonebook entries:

Symbol	Description	Response by fax
0 - 9	Response by fax 0 - 9	Dials number

Symbol	Description	Response by fax
*	star	Used for special features (for example, *70 is used to deactivate call waiting)
,	comma	Causes a 2-second delay before dialing the remaining numbers
#	pound	Used for special features (for example, # at the end of a number signifies the completion of the number sequence)

Adding a new phonebook entry

To add a new phonebook entry:

- 1 Press **Phonebook**.
- 2 Make sure Edit **Phonebook** is selected, then press **OK**.
- 3 Make sure Add New Entry is selected, then press **OK**.
- 4 Make sure Number is selected, then press **OK**.
- 5 Use the numeric keypad on the control panel to enter a fax number, then press **OK**.
- 6 With **Name** selected, press **OK**.
- 7 Enter a name using the numeric keypad (see [Using the numeric keypad on the control panel to enter text, page 82](#)).
- 8 When you are finished entering a name, press **OK**.

- 9** Optional: Assign a Quick Dial number.
Set up your ten most frequently used fax numbers as Quick Dial numbers. You will be able to dial them quickly, and they will be displayed at the top of your phonebook.**OK.**
- a** Press ▼ to select **Quick Dial**, then press **OK**.
 - b** Using the numeric keypad on the control panel, enter a number from 0 to 9, then press **OK**.
- 10** Press ▼ to select **DONE**, then press **OK**.

Editing a phonebook entry



To edit a phonebook entry:

- 1** Press **Phonebook**.
- 2** Make sure **Edit Phonebook** is selected, then press **OK**.
- 3** Press ▼ to select **Edit Entry**, then press **OK**.
- 4** Press ▼ to select the entry you want to edit, then press **OK**.
- 5** Press ▼ to select the field you want to edit, then press **OK**.
- 6** Use the or the numeric keypad (see [Using the numeric keypad on the control panel to enter text, page 82](#)) to make your change(s).
- 7** Press ▼ to select **DONE**, then press **OK**.

Deleting a phonebook entry

To delete a phonebook entry:

- 1** Press **Phonebook**.
- 2** Make sure **Edit Phonebook** is selected, then press **OK**.

- 3** Press  to select **Delete Entry**, then press **OK**.
- 4** Press  to select the entry you want to delete, then press **OK**.
NOTE: If you do not want to delete the entry, press **Cancel**.
- 5** To delete the entry, press **OK**.
The entry is deleted from the phonebook.
- 6** Repeat steps 4 – 5 to delete more entries; when you are finished, press **Back** or **Cancel**.

Using the numeric keypad on the control panel to enter text

The number keys on the numeric keypad represent a number and several characters. For example, the number **2** key also represents the letters A, B, C and a, b, and c. You must press the **2** key multiple times to enter a corresponding letter. For example, to enter the letter "B" as the first letter of a name, press the **2** key two times; to enter the small letter "b" at the beginning of a name, press the **2** key five times. If the small letter "b" is not at the beginning of a name or word, press the **2** key two times.

If you need to use the same key for more than one letter in a row (for example, to type "Cab"), you need to pause between letters. To type "Cab", press the **2** key three times to enter "C", then pause 10 seconds; press the **2** key once to enter "a", then pause 10 seconds; and press the **2** key two times to enter "b".

Note that the Symbols (*) key and the Space (#) key also cycle through several different symbols when you press the key multiple times.

To make a correction to your entry, press  (navigation button) on the control panel to erase the rightmost character.

Using the Online Printer Management Tool to edit the Fax Phone Book

- 1 Open the Online Printer Management Tool in a browser.
- 2 Select the **Settings** tab, then click **Fax > Phonebook**.
- 3 For each entry, type a **Name** and **Fax** number. Select a **Quick Dial** as needed.
- 4 Click **Add** to update the printer.
- 5 Select the check box for an existing entry in the **Phone Book**.
- 6 Edit or delete the entry as needed.
- 7 Click **Save** to update the printer.

Preparing a fax for transmission

Before you send a fax, prepare a cover page (if needed), load the original(s), and change the resolution and brightness (if needed).

Printing a fax cover page

If you need a fax cover page, you can print one with your printer, then manually complete the information (person to whom you are sending, fax number, your name, etc).

To print a fax cover page:

- 1 Press **Menu**.
- 2 Press **▼** to select **Fax Settings**, then press **OK**.
- 3 Press **▼** to select **Print Fax Cover page**, then press **OK**.
- 4 Load letter or A4 paper, then press **Start Black** or **Start Color** to begin printing.

NOTE: It does not matter which Start button you press; the fax cover prints in black only.

Loading originals

To fax documents (up to 30 pages) that are on plain paper, load the original(s) in the automatic document feeder (ADF).

To fax a photograph, originals on thick paper, or a document that is too small or too large to fit in the ADF, place the original on the scanner glass. (The ADF accepts originals from 6.9 x 9.8 in. / 18 x 25 cm to 8.5 x 14 in. / 22 x 36 cm.)

NOTE: You can fax only one page at a time from the scanner glass.

Changing resolution and brightness

Before sending your fax, change the resolution and brightness settings, as needed, based on your original.

To modify settings before sending your fax:

- 1 Press **Fax**.
- 2 With **Fax Options** selected, press **OK**.
- 3 Press ▼ to select **Resolution**.
The resolution setting determines the amount of detail that is transmitted.
Select:
 - **Standard** (default) for most documents
 - **Fine** for documents with fine print
 - **Photo** for photographs
- 4 Press ▼ to select **Brightness**.
Adjust the brightness setting according to how light or dark your original is.
Select:

- **Normal** (default) for most documents
- **+1** to **+3** to lighten dark originals
- **-1** to **-3** to darken light originals

NOTE: If you do not want to save these settings, send your fax. The settings will apply only to the current transmission. If you want to save these settings as defaults:

- a Press ▼ to select **Save as Defaults**, then press **OK**.
- b Select **Yes**, then press **OK**.

IMPORTANT: *Do not load photographs, cards, or any paper stock heavier than 24 lb in the ADF.*

Sending a fax

You can send your fax in several ways. You can use:

- the phonebook
- Quick Dial
- the numeric keypad
- the Redial button

Using the phonebook to send a fax

To send a fax to a number in the phonebook:

- 1 Press **Phonebook**.
- 2 Press ▼ to select the desired number.
- 3 Press **Start Black** to send a black-and-white fax or **Start Color** to send a color fax.

Using Quick Dial to send a fax

To send a fax using Quick Dial:

- 1 Press Phonebook.
- 2 Press the number on the keypad that corresponds to the desired Quick Dial entry.
- 3 Press Start Black to send a black-and-white fax or Start Color to send a color fax.

Using the numeric keypad to send a fax

To send a fax from the numeric keypad:

- 1 Press Fax.
- 2 Enter a fax number using the numeric keypad.
- 3 Press Start Black to send a black-and-white fax or Start Color to send a color fax.

Using the Redial button to send a fax

To send a fax to one of the last numbers dialed:

- 1 Press **Redial**.
- 2 Press to select an entry.
- 3 Press **Start Black** to send a black-and-white fax or **Start Color** to send a color fax.

If there is no number to redial, the phonebook opens.

Receiving a fax

You can set up your printer to receive faxes automatically or manually. Even if your printer is set up to receive faxes automatically, you can still receive them manually at any time.

Receiving a fax automatically

To receive faxes automatically:

- 1 Load letter (8.5 x 11 in. / 22 x 28 cm) or A4 (8.3 x 11.7 in. / 21 x 30 cm) plain paper into the paper tray (see [Loading plain paper, page 10](#)).
- 2 Make sure the **Auto Answer** LED is on. (If not, press Auto Answer to turn it on.) The printer will receive all incoming faxes automatically.

IMPORTANT: *Whenever there is an incoming fax, the printer LCD shows the message, "Incoming Call. Press START to Answer." If the Auto Answer LED is on, you do not need to press START to receive the fax. The printer will automatically receive the fax after the number of rings that you selected for the fax settings (see [Rings to Answer, page 74](#)). However, you may choose to receive the fax sooner by pressing either START button. (Whether the fax is color or black is determined by the sender.)*

Receiving a fax manually

If Auto Answer is turned off for your printer, you can receive incoming faxes manually.

NOTE: You can receive any incoming fax manually, even if Auto Answer is turned on.

To receive a fax manually:

- When you hear the phone ring, press **Start Black** or **Start Color**.

NOTE: Pressing either Start button triggers the printer to receive the fax. It does not matter which Start button you press; whether a fax is color or black and white is determined by the sender.

If your printer is connected to the same phone line as another telephone and you are using tone dialing (see [Dialing Mode, page 78](#)), you may receive an incoming fax manually from another phone. When you hear the distinctive ring of your fax line or know that the incoming call is a fax:

- Pick up any phone and dial **234** (the remote access code).

Printing fax reports

You can set up the printer to print certain reports automatically. You can also print reports manually at any time. Fax Settings report

Fax settings report

To print the current fax settings:

- 1 Press **Menu**.
- 2 Press ▼ to select **Fax Settings**, then press **OK**.
- 3 Press ▼ to select **Print Fax Settings**, then press **OK**.
- 4 Load letter or A4 paper, then press **Start Black** or **Start Color**.

Fax confirmation page

The Fax Confirmation Page contains the time and date of transmission, the number that you called and the number you called from, and whether the transmission was successful. To print the Fax confirmation page, you must select the option to print before you transmit the fax. The default setting is to never print the fax confirmation page.

To print the fax confirmation page for future faxes:

- 1 Press **Menu**.
- 2 Press ▼ to select **Fax Settings**, then press **OK**.
- 3 Press ▼ to select **Print Fax Conf. Page**.
- 4 Press or to select **Always** (to print a confirmation page after sending every fax) or **After Fail Only** to print only if the fax transmission fails.
- 5 Press **OK**.

NOTE: The name and fax number of receivers will not appear on your confirmation page if the receivers have not set up that information on their fax machines.

Fax activity log

The Fax Activity Log provides detailed information approximately the last 30 faxes sent or received. The log contains the information such as date, time, duration of transmission, to/from, and number of pages.

To print a Fax Activity Log:

- 1 Press **Menu**.
- 2 Press ▼ to select **Fax Settings**, then press **OK**.
- 3 Press ▼ to select **Print Fax Activity Log**, then press **OK**.

- 4** Load US Letter (8.5 x 11 in.) or A4 paper, then press **Start Black** or **Start Color**.

NOTE: The name and fax number of receivers will not appear on your fax activity log if the receivers have not set up that information on their fax machines.

Canceling a fax

You can cancel a fax that you are sending or receiving at any time.

To cancel sending or receiving a fax:

- Press **Cancel**.

Ordering supplies

You can order ink cartridges online.

To order supplies, make sure that your computer is connected to the Internet, then:

- 1** Open Print Manager Software.
- 2** Select **Order Supplies** (on a computer with WINDOWS OS) or select the **Tools** tab, then click **Order Supplies** (on a computer with MAC OS).
- 3** Select the item(s) you want to buy, then follow the on-screen instructions.

Your printer requires little maintenance. However, Samsung recommends cleaning the scanner glass and lid regularly to remove dust and fingerprints, which affect the quality and accuracy of scanning.

Except while cleaning the printer, keep the printer plugged into an AC power outlet. If you use a power strip, don't turn off the power strip. (The printer does not need to be turned on but should be plugged in.)

For optimal performance, keep the printer connected to a computer that is powered on and has the SAMSUNG Print Manager Software installed, or keep the printer powered on and connected to the Internet through a wireless network.

Keep the printhead and ink cartridges in the printer at all times to help prevent damage to the printhead.

For recycling and/or disposal information, contact your local authorities. In the US, go to the Electronics Industry Alliance at www.eia.org.

General care and cleaning



CAUTION:

Always disconnect the power to the printer before cleaning it. Do not use harsh or abrasive cleaners on any part of the printer.

- To clean the printer, wipe the outside with a clean, dry cloth.
- Keep the surrounding area vacuumed and litter-free.
- Protect the printer from tobacco smoke, dust, and liquid spills.
- Do not place objects on the printer.
- Keep the input tray free of dust, dirt, and other foreign objects.
- Keep the printer supplies away from direct sunlight and out of high-temperature environments.
- Do not allow chemicals to come into contact with the printer.

Cleaning the scanner glass and document backing

The scanner glass can get smudged and minor debris can accumulate on the white document backing under the scanner lid. Periodically clean the scanner glass and document backing.



CAUTION:

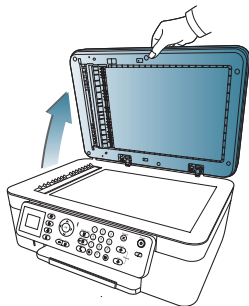
Do not use harsh or abrasive cleaners on any part of the printer.

Do not spray liquid directly on the glass.

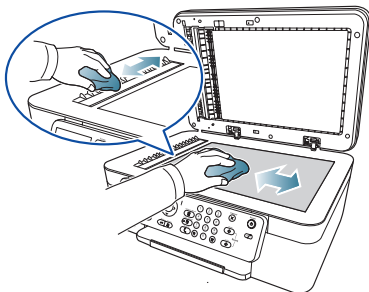
Do not use paper-based wipes on the document backing as they can scratch it.

To clean the scanner glass and document backing under the scanner lid:

- 1 Turn off the printer and unplug it from the power outlet.
- 2 Lift the scanner lid.

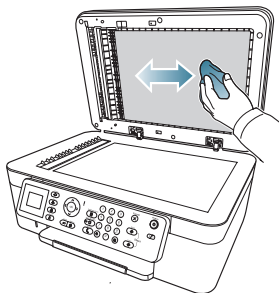


- 3 Wipe the glass with a soft cloth or sponge, slightly moistened with a nonabrasive glass cleaner.



Maintaining Your Printer

- 4** Dry the glass with a lint-free cloth.
- 5** Gently clean the document backing with a soft cloth or sponge, slightly moistened with mild soap and warm water.



- 6** Dry the document backing with a chamois or lint-free cloth.
- NOTE: If the document backing needs further cleaning, use isopropyl (rubbing) alcohol on a soft cloth, then wipe thoroughly with a cloth moistened with water to remove any residual alcohol.
- 7** When you finish cleaning, plug in the printer.

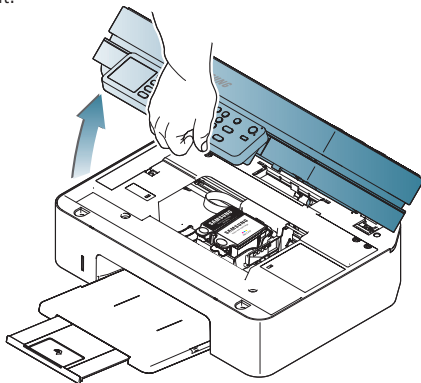
Replacing ink cartridges

Your printer uses both black and color ink cartridges. You can check the approximate ink levels on the LCD (see [Checking ink levels, page 103](#)). When an ink cartridge is out of ink, the printer LCD displays a message stating that the black or color ink cartridge needs replacing. You can order ink cartridges online. Open Print Manager Software and select Order Supplies.

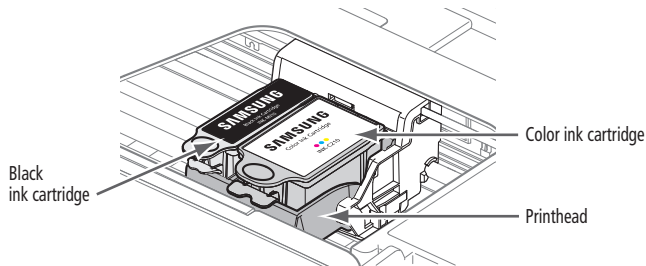
IMPORTANT: *Do not use refilled ink cartridges.*

To replace an ink cartridge:

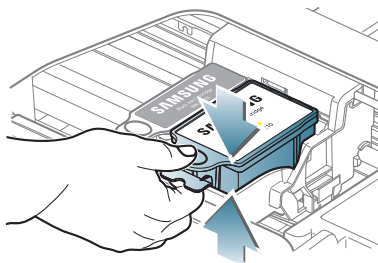
- 1 Make sure your printer is on.
- 2 Lift the printer access door, and wait for the carriage to move to a position where you can access it.



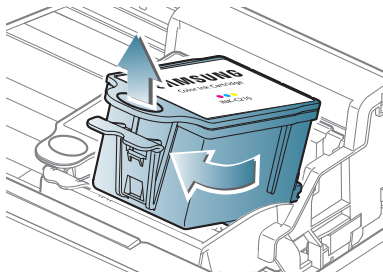
- 3** The ink cartridges are located in the printhead.



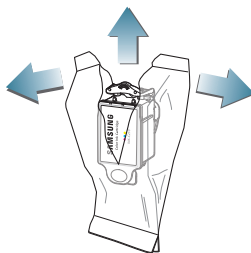
- 4** Pinch the tab on the ink cartridge.



- 5** Lift the ink cartridge out of the printhead.

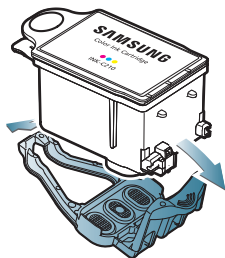


- 6** Remove the new ink cartridge from its bag.

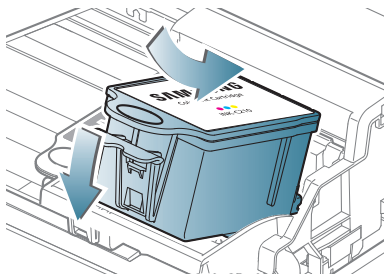


IMPORTANT: *To prevent the printhead from drying out, insert the ink cartridge into the printhead immediately.*

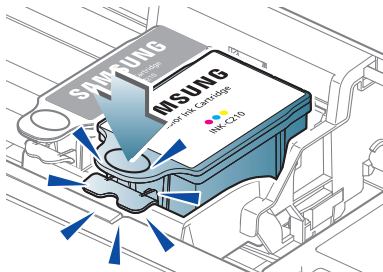
- 7** Remove the protective cap from the cartridge.



- 8** Insert the ink cartridge into the printhead.



- 9** Press down on the ink cartridge tab until you hear a click.



- 10** Close the printer access door.

Updating the software and printer firmware

Using the latest software and firmware helps ensure optimal performance of your printer.

NOTE: Firmware is the software that runs on your printer.

Although there is a background check for software and firmware updates, you may update manually using the following procedure.

Updating if your printer is connected to a computer with WINDOWS OS

To update the software:

- 1 Make sure that your computer is connected to the Internet.
- 2 Select **Start > All Programs > Samsung > Samsung AiO Printer Tools**.
- 3 Under Printer Resources, click **Check for Software Updates** to check whether software updates are available.
- 4 If there are updates, click **Next** and follow the on-screen instructions.

To update the printer firmware:

- 1 Make sure that your computer is connected to the Internet.
- 2 Connect the printer to the computer with a USB cable or wirelessly (if not currently connected).
- 3 Select **Start > All Programs > Samsung > Samsung AiO Printer Tools**.
- 4 Make sure that **Samsung CJX-2000FW+xxxx - Connected** appears in the lower left corner of the Printer Tools window.

NOTE: If **Samsung CJX-2000FW+xxxx - Connected** does not appear in the lower left corner, click **Select**, then click **Refresh List** and choose your printer from the list; click **Install Samsung Printer** and follow the on-screen instructions.

- 5 Under Printer Resources, click **Check for Printer (Firmware) Updates**.
- 6 If there are updates, click **Next** and follow the on-screen instructions.

IMPORTANT: *Do not turn off or unplug your printer or your computer during the update. Doing so may cause the printer to become inoperable. If the printer is connected wirelessly, make sure you have a stable connection when you perform the update.*

Updating if your printer is connected to a computer with MAC OS

To update the software:

- 1 Make sure that your computer is connected to the Internet.
- 2 Open Print Manager Software.
- 3 Select the **Tools** tab.
- 4 Click **Check for Software Updates**.
- 5 If there are software updates, follow the on-screen instructions for updating your software.

To update the firmware:

- 1 Make sure that your computer is connected to the Internet.
- 2 Connect the printer to the computer with a USB cable or wirelessly (if not currently connected).
- 3 Open Print Manager Software.
- 4 Select the **Tools** tab.
- 5 Click **Check for Printer (Firmware) Updates**.
- 6 If there are updates, follow the on-screen instructions.

IMPORTANT: *Do not turn off or unplug your printer or your computer during the update. Doing so may cause the printer to become inoperable.*

Monitoring and adjusting printer performance

From the control panel, you can perform tasks to help keep the printer functioning well.

Checking ink levels

To check the ink levels:

- 1 Press **Menu**.
- 2 Press ▼ to select **Maintenance**, then press **OK**.
- 3 With **Check Ink Levels** selected, press **OK**.
The LCD shows approximate levels of ink in the cartridges so you know when it's time to order replacement cartridges.

NOTE: You can order ink cartridges online. Open Print Manager Software and select **Order Supplies**.

Resetting factory defaults

To reset defaults to the factory default settings:

- 1 Press **Menu**.
- 2 Press ▼ to select **Printer Settings**, then press **OK**.
- 3 Press ▼ to select **Reset All Settings**, then press **OK**.
- 4 When you see the message, "This will reset printer settings to factory defaults," press **OK**.

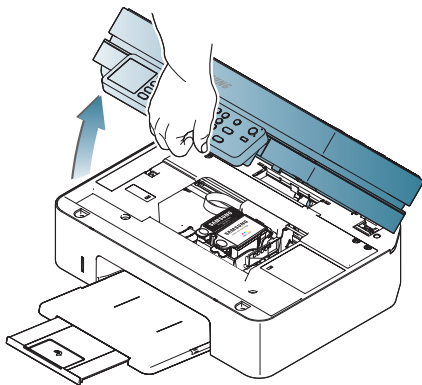
NOTE: Resetting factory defaults does not change the date and time, language, country/region, or network settings.

Replacing the printhead

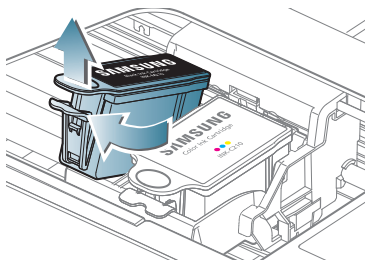
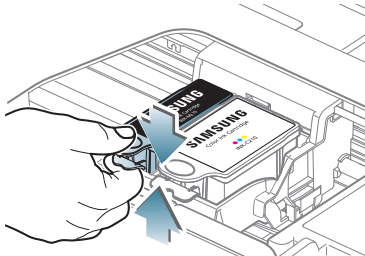
IMPORTANT: *Replacing the printhead is not a regular maintenance procedure. Replace the printhead only if you receive a new printhead from Samsung.*

To replace the printhead:

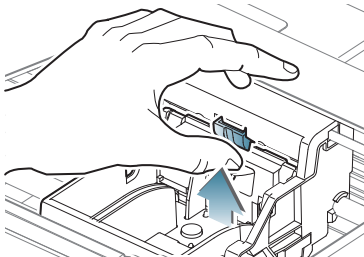
- 1 Make sure your printer is on.
- 2 Lift the printer access door, and wait for the carriage to move to the access position.



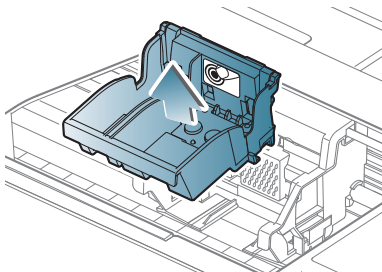
- 3** Remove both ink cartridges and set them aside.



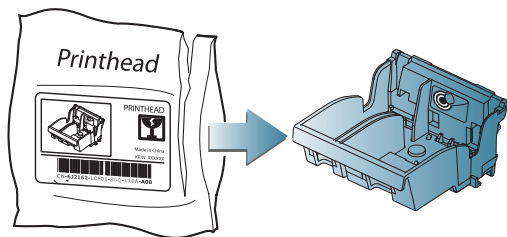
- 4** Unlatch the used printhead by lifting the button in the center of the carriage.



- 5 Lift the used printhead out of the carriage.



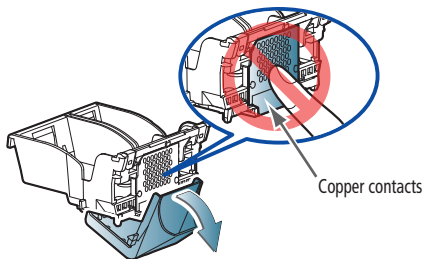
- 6 Remove the new printhead from its bag.



! CAUTION:

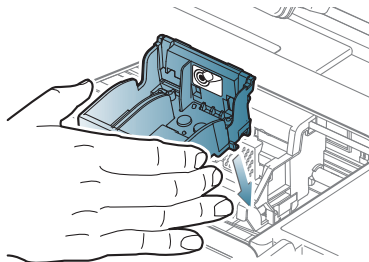
Do not touch the copper contacts on the printhead, as doing so may damage the printhead.

- 7** Remove the plastic protective cap.

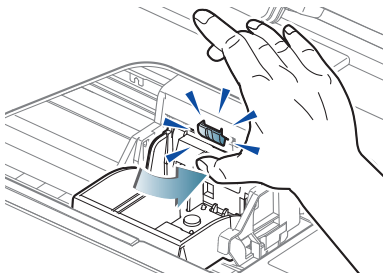


IMPORTANT: *Be careful not to scratch or touch the copper contacts while inserting the printhead.*

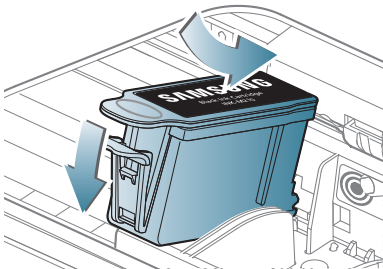
- 8** Place the new printhead into the carriage.



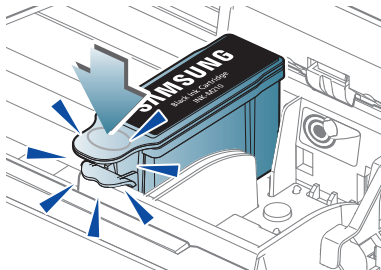
- 9** Push firmly against the target label of the printhead until you hear a loud snap.



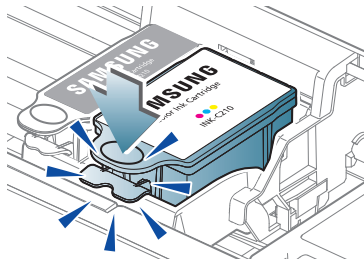
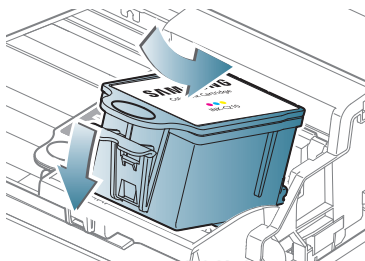
- 10** Insert the black ink cartridge into the printhead.



- 11** Press down on the ink cartridge until you hear it click into position.



- 12** Repeat steps 10 - 11 for the color ink cartridge.



- 13** Close the printer access door.
The printer detects the new printhead. Follow the instructions on the LCD to calibrate your printer.

Basic troubleshooting

Some problems can be resolved quickly by power cycling the printer: Turn off your printer. Wait five seconds. Turn on the printer.

Use the following information to help troubleshoot problems with your printer.

Problem	Possible Solutions
Wireless connectivity	For wireless connectivity issues, go to Wireless Networking Setup Guide
Printer does not power on	<ul style="list-style-type: none">■ Make sure you are using the power cord that came with your printer.■ Make sure the power cord is connected to the AC adapter and is plugged into an outlet or power strip.

Problem	Possible Solutions
Printer not detected	<ul style="list-style-type: none">■ Make sure that your printer is plugged in and turned on.■ If you are using a USB cable, make sure that:<ul style="list-style-type: none">– it is a USB 2.0 high-speed cable.– it is connected to both your printer and your computer.– you restart the computer if the USB cable was disconnected from the printer then reconnected, or if power to the printer was interrupted.■ If you are using a wireless connection, make sure that:<ul style="list-style-type: none">– the printer is connected to your wireless network. To check:<ul style="list-style-type: none">a On the printer, press Menu.b Press ▼ to select Network Settings, then press OK.c Press ▼ to select View Network Configuration, then press OK.d Make sure that the Active Connection Type is Wi-Fi, and that the IP Address is not 0.0.0.0.– your router is transmitting data.– the firewall (excluding WINDOWS Firewall) is allowing the services needed for your printer.

Problem	Possible Solutions
Carriage jam	<ul style="list-style-type: none"> ■ Open the printer access door and clear any obstructions. ■ Do not move the carriage by force or pull any cables. ■ Check that the printhead and ink cartridges are installed correctly. (The printhead and ink cartridges are installed correctly when you hear them click into place.)
Print quality	<ul style="list-style-type: none"> ■ For best results, use KODAK Paper or a paper with the COLORLOK Technology logo on the package. ■ Make sure the paper is loaded correctly. See Loading plain paper, page 9 and Loading photo paper, page 10. ■ Clean the printhead: <ul style="list-style-type: none"> – Press Menu. – Press ▼ to select Maintenance, then press OK. – Press ▼ to select Clean Printhead, then press OK. ■ Calibrate the printer: <ul style="list-style-type: none"> – Press Menu. – Press ▼ to select Maintenance, then press OK. – Press ▼ to select Calibrate Printer, then press OK.

Problem	Possible Solutions
Ink cartridge errors	<ul style="list-style-type: none">■ Check that Ink Cartridge(s) are installed. Do not use refilled ink cartridges.■ Remove, then install the cartridges again. Make sure the cartridges click into place.
Paper jam	<ul style="list-style-type: none">■ Open the printer access door and gently remove any paper from inside the printer.■ Make sure the paper in the tray is free of tears or creases.■ Make sure you do not overload the input paper tray.■ If you cannot access the paper from the front, gently pull the jammed paper up from the paper input tray.

Problem	Possible Solutions
Cannot send or receive a fax	<ul style="list-style-type: none"> ■ Make sure that the wall phone line is plugged into the Line in port. ■ Verify that the wall jack works by plugging in a phone and checking for a dial tone. ■ Verify that Region is set to the correct country code. <ul style="list-style-type: none"> a Press Menu. b Press ▼ or ▲ to select Printer Settings, then press OK. c Press ▼ to select Country / Region, then press OK. d Press ▼ or ▲ to select your country, then press OK. ■ If you are connected to a DSL phone line, make sure you have a DSL filter connected to the phone jack.
Error codes/ messages	<p>Go to http://www.samsung.com/uk/support/download/ supportDownloadMain.do</p>

Status lights

The status lights indicate the condition of the printer. There are two status lights on the printer: one on the on/off button that indicates power, the other indicates Wi-Fi status.

Power light

Power light	What it means
Off	<ul style="list-style-type: none">■ The printer is turned off.<ul style="list-style-type: none">– Press the on/off button to turn on power.■ The printer does not have power.<ul style="list-style-type: none">– Make sure that the power cord is plugged into the back of the printer and into an electrical outlet, and that the electrical outlet has power.
Blinking	<ul style="list-style-type: none">■ The printer is busy.<ul style="list-style-type: none">– Wait for the printer to finish the task.
On	The printer is ready.

Wi-Fi connectivity LED

Wi-Fi connectivity LED	What it means
Off	The Wi-Fi radio is either turned off or is turned on but not connected to a wireless network.
Blinks continuously	The Wi-Fi radio is turned on, and the printer is searching for available wireless networks within range.
Blinks intermittently	<p>The Wi-Fi radio is turned on and the printer cannot find any available wireless networks within range, or the Wi-Fi radio connection has been interrupted, or is too weak to send signals to and from the printer.</p> <p>To find and connect to an available wireless network within range, press OK, turn the Wi-Fi radio off, and run the Wi-Fi Setup Wizard (see Connecting to a wireless network, page 13).</p>
On	The Wi-Fi radio is turned on, and there is a working connection between the printer and a wireless network.

The following specifications are subject to change without notice.

Features and Specifications

Print performance

Black print speed	7 images per minute
Color print speed	4.6 images per minute
Print technology	Continuous-tone, thermal inkjet
Print quality modes	Draft, Normal, and Best on plain paper Photo quality mode on photo paper

Photo printing features

Quantity	1 to 99
Print sizes	2 x 3 in. / 5 x 8 cm
	3.5 x 5 in. / 9 x 13 cm
	4 x 6 in. / 10 x 15 cm
	4 x 7 in. / 10 x 18 cm
	4 x 8 in. / 10 x 20 cm
	4 x 12 in. / 10 x 30 cm (Panoramic)

Print sizes	5 x 7 in. / 13 x 18 cm 8 x 10 in. / 20 x 25 cm US Letter - 8.5 x 11 in. / 22 x 28 cm A4 - 8.3 x 11.7 in. / 21 x 30 cm
Quality	Best, Normal, Draft modes on plain paper Photo quality mode on photo paper
Auto-detect media	Auto-detect plain paper and photo papers Optimize image quality for KODAK Photo Papers with barcode
Image enhancement	Image Enhancement Technology with Print Manager Software (from the computer only)
Color	Black-and-white or color
Scene balance	On (default), Off

Copy document features

Color	Black-and-white or color
Quantity	1 to 99 copies
Copy sizes	Same Size, Fit-to-Page, 20% to 500%
Plain paper quality	Best, Normal, Draft
Brightness	- 3 to + 3

Copy photo features

Color	Black-and-white or color
Quantity	1 to 99 copies
Copy sizes	2 x 3 in. / 5 x 8 cm 3.5 x 5 in. / 9 x 13 cm 4 x 6 in. / 10 x 15 cm 4 x 7 in. / 10 x 18 cm 4 x 8 in. / 10 x 20 cm 4 x 12 in. / 10 x 30 cm (Panoramic) 5 x 7 in. / 13 x 18 cm 8 x 10 in. / 20 x 25 cm US Letter - 8.5 x 11 in. / 22 x 28 cm A4 - 8.3 x 11.7 in. / 21 x 30 cm
Quality	Automatic
Brightness	- 3 to + 3

Scanning features

Scanner type	Contact Image Sensor (CIS)
Scan size	Maximum size of original scanned from platen: 8.5 in. / 22 cm wide; 11.7 in. / 30 cm long Sizes of originals scanned from ADF: B5 (6.9 x 9.8 in. / 18 x 25 cm) US Executive (7.3 x 10.5 in. / 18 x 27 cm) US Letter (8.5 x 11 in. / 22 x 28 cm) A4 (8.3 x 11.7 in. / 21 x 30 cm) US Legal (8.5 x 14 in. / 22 x 36 cm)
Functions	Segmentation scanning Auto-destination Optical Character Recognition (OCR)

Faxing features and specifications

Fax transfer rate	9600, 14400, or 33600 (default) baud
Fax memory	100 pages at 96 dpi text
Speed dials	Up to 60
Resolution	Standard: 200 x 100 Fine: 200 x 200 Photo: 300 x 300

Paper input tray

Paper capacity	150 sheets of 20 lb plain paper 20 sheets of photo paper, up to 12 mil (290 gsm) 20 envelopes
Tray size	4 x 6 in. to 8.5 x 14 in. / 10 x 15 cm to 22 x 36 cm

Automatic Document Feeder (ADF) for originals

Paper capacity	30 sheets (20 to 24 lb / 75 to 90 gsm) plain paper
Paper size limits	6.9 x 9.8 in. to 8.5 x 14 in. / 18 x 25 cm to 22 x 36 cm

Ink cartridges

Ink life	The number of pages may be affected by operating environment, printing interval, media type, and media size. Based on ISO 24712 5% COVERAGE PATTERN - See A sample of 5% COVERAGE PATTERN (reduced to 33%) , page 124. (supplied with the machine; INK-M210): About 250 sheets (supplied with the machine; INK-M215): About 430 sheets (supplied with the machine; INK-C210): About 250 sheets
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A sample of 5% COVERAGE PATTERN (reduced to 33%)

Stephen J. Singel
Fahanda Singap Abarruss
Tendar, BSF
UKANGLE

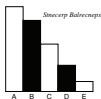
30 November 2005

Johnathan Q. Maderia

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2343 Stanton Dawer Lank
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Mr. Maderia:

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Connectivity

Protocols supported	USB 2.0 High Speed; DPOF
Devices supported	WINDOWS OS-based and MACINTOSH Computers, memory cards (SD, MS/Duo, MMC, SDHC)
Image Formats supported	Image printing supports JPEG (EXIF v2.21 non-progressive); does not support progressive JPEG format; image scanning supports scanning to JPG and non-searchable PDF
Number of USB ports	One USB 2.0 high-speed device port on the back of the printer
Wi-Fi Technology supported	802.11b/g/n, WPA/WPA2, WPS, and WEP

Software support

Application support	Third-party image management applications; optical character reader (OCR) support for documents
Media support	Plain paper, photo paper, envelopes, greeting cards, and labels
Scanner support	TWAIN and WIA, WIA2 (WINDOWS 7 and VISTA OS), ICA (MAC OS) and TWAIN (on MAC OS and 10.5), including segmentation scanning
Update support	Software and firmware updates available through Web support

Physical specifications

Power Input: 100–240 V AC, 50–60 Hz

The printer shall only be used with the provided certified external power supply.

Manufacturer and model:
Chicony Power Technology Co., Ltd.
model CPA09-020A

Flextronics Sales & Marketing (A-P) Ltd.
model KOD-A-0040ADU00-101

Output: 36 V DC at 1.1 A

Storage dimensions 45.5 cm (17.9 in.) wide x 41.5 cm (16.3 in.) deep
x 23.0 cm (9.1 in.) tall with input and output trays
closed

Weight 6.9 kg (15.2 lb) without power supply, printhead, or
ink cartridges

Operating range 5°C (41°F) to 35°C (95°F), 15 to 85% RH

Full image quality environmental range 15°C (59°F) to 30°C (86°F), and 20 to 80% RH.

Energy efficiency ENERGY STAR® Qualified

System requirements

Computer with WINDOWS OS

Computer	Minimum
Operating system	WINDOWS 7, VISTA, or XP (SP2 or later)
CPU	INTEL CELERON Processor
Clock speed	1.2 GHz
Memory	512 MB RAM
Available hard disk space	500 MB available
Interface	USB 2.0 High Speed
Removable drive	CD-ROM

Computer with MAC OS

Computer	Minimum
Operating system	MAC OS X 10.5 or later
CPU	PowerPC G4, G5, or INTEL-based MAC
Clock speed	1.2 GHz
Memory	512 MB RAM
Available hard disk space	200 MB available

Computer	Minimum
Interface	USB 2.0 High Speed
Removable drive	CD-ROM

Paper types supported

Plain paper	16 to 24 lb (60 to 90 gsm)
Photo paper	6.5 to 12 mil
Card stock	110 lb index max (200 gsm)
Envelopes	20 to 24 lb (75 to 90 gsm)
Labels	All commercially available inkjet varieties on 8.5 x 11 in. and A4 size sheets
Iron-on transfers	All commercially available inkjet varieties on 8.5 x 11 in. and A4 size sheets

Paper sizes supported

Plain paper A4 (8.3 x 11.7 in. / 21 x 30 cm)
A5 (5.8 x 8.3 in. / 15 x 21 cm.)
A6 (4.1 x 5.8 in. / 11 x 15 cm)
B5 (6.9 x 9.8 in. / 18 x 25 cm)
US Executive (7.3 x 10.5 in. / 18 x 27 cm)
US Letter (8.5 x 11 in. / 22 x 28 cm)
US Legal (8.5 x 14 in. / 22 x 36 cm)
Custom sizes from 4 to 8.5 in. / 10 to 22 cm wide and
6 to 14 in. / 15 to 36 cm long

Labels A4 (8.3 x 11.7 in. / 21 x 30 cm)
US Letter (8.5 x 11 in. / 22 x 28 cm)

Index card stock 4 x 6 in. / 10 x 15 cm cards
5 x 7 in. / 13 x 18 cm index cards

Iron-on transfers A4 (8.3 x 11.7 in. / 21 x 30 cm)
US Letter (8.5 x 11 in. / 22 x 28 cm)

Envelopes C5 (6.4 x 9 in. / 16 x 23 cm)
C6 (4.5 x 6.4 in. / 11 x 16 cm)
DL (designated long) (4.3 x 8.7 in. / 11 x 22 cm)
US #10 (4.1 x 9.5 in / 11 x 24 cm)
US #7¾ (3.9 x 7.5 in. / 10 x 19 cm)
US #9 (3.9 x 8.9 in. / 10 x 23 cm))

Photos 4 x 6 in. / 10 x 15 cm
4 x 7 in. / 10 x 18 cm
4 x 8 in. / 10 x 20 cm
4 x 12 in. / 10 x 31 cm
5 x 7 in. / 13 x 18 cm
7 x 10 in. / 18 x 25 cm
8 x 10 in. / 20 x 25 cm
US Letter (8.5 x 11 in. / 22 x 28 cm)
A4 (8.3 x 11.7 in. / 21 x 30 cm)

Safety Information

SAMSUNG CJX-2000FW All-in-One Printers are Class 1 LED Products.

When using this machine, these basic safety precautions should always be followed to reduce risk of fire, electric shock, and injury to persons:

- 1 Read and understand all instructions.
- 2 Use common sense whenever operating electrical appliances.
- 3 Follow all warnings and instructions marked on the product and in the literature accompanying the product.
- 4 Use only the power source provided with the printer.
- 5 Use only the power cord that comes with the product (or an approved power cord greater or equal to H05W-F, 2G, 0.75mm²). Using another power cord may cause fire and/or shock. Do not use the included power cord with any other equipment.
- 6 If an operating instruction appears to conflict with safety information, heed the safety information. You may have misunderstood the operating instruction. If you cannot resolve the conflict, contact your sales or service representative for assistance.
- 7 Unplug the machine from the AC wall socket and telephone jack before cleaning. Do not use liquid or aerosol cleaners. Use only a damp cloth for cleaning.
- 8 Do not place the machine on an unstable cart, stand, or table. It may fall, causing serious damage.
- 9 Your machine should never be placed on, near, or over a radiator, heater, air conditioner, or ventilation duct.

- 10** Do not allow anything to rest on the power or telephone cords. Do not locate your machine where the cables may be damaged by people walking on them. Do not place the machine where the power or telephone cord may be bent. Any case of above may cause the hazardous result or malfunction.
- 11** Do not overload wall outlets and extension cords. This can diminish performance, and may result in the risk of fire or electric shock.
- 12** Do not allow pets to chew on the AC power, telephone, or PC interface cords.
- 13** Never push objects of any kind into the machine through case or cabinet openings. They may touch dangerous voltage points, creating a risk of fire or shock. Never spill liquid of any kind onto or into the machine.
- 14** To reduce the risk of electric shock, do not disassemble the machine. Take it to a qualified service technician when repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly could cause electric shock when the unit is subsequently used.
- 15** Unplug the machine from the telephone jack, PC, and AC wall outlet, and refer servicing to qualified service personnel under the following conditions:
 - *When any part of the power cord, plug, or connecting cable is damaged or frayed.*
 - *If liquid has been spilled into the product.*
 - *If the product has been exposed to rain or water.*
 - *If the product does not operate properly after instructions have been followed.*
 - *If the product has been dropped, or the cabinet appears damaged.*
 - *If the product exhibits a sudden and distinct change in performance*
- 16** Adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage, and may require extensive work by a qualified service technician to restore the product to normal operation.

- 17** Avoid using this fax machine during a lightning storm. There may be a remote risk of electric shock from lightning. If possible, unplug the AC power and telephone for the duration of the lightning storm.
- 18** Do not install the machine on a wet place. This may raise a risk of fire or shock.
- 19** CAUTION: For electrical safety reasons disconnect from telecommunications network before touching metal / conductive parts.
- 20** CAUTION: Use only the cords and other accessories supplied with the product. Using others may cause the hazardous result or malfunction.
- 21** SAVE THESE INSTRUCTIONS.



CAUTION:

To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

For Service Personnel only:



CAUTION:

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local instructions.

LCD Screen Safety

- Use only a dry, soft cloth to clean the LCD screen. Do not use any liquid or chemical cleaners.
- If the LCD screen is damaged, contact SAMSUNG immediately. If any of the solution from the display gets on your hands, wash them thoroughly with soap and water.

Ink Cartridge Safety

- Keep all ink cartridges out of the reach of children.
- If ink gets on your skin, wash with soap and water. If ink gets into your eyes, flush immediately with water. If any discomfort or change in vision persists after washing, seek medical attention immediately.

Declaration of Conformity (European countries)

Approvals and Certifications



The CE marking applied to this product symbolises Samsung Electronics Co., Ltd. Declaration of Conformity with the following applicable 93 / 68 / EEC Directives of the European Union as of the dates indicated:

January 1, 1995: Council Directive 73 / 23 / EEC Approximation of the Member States related to low voltage equipment.

January 1, 1996: Council Directive 89 / 336 / EEC (92 / 31 / EEC), approximation of the Member States related to electromagnetic compatibility.

March 9, 1999: Council Directive 1999 / 5 / EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. A full declaration, defining the relevant Directives and referenced standards can be obtained from your Samsung Electronics Co., Ltd. representative.

EC Certification

Certification to 1999 / 5 / EC Radio Equipment & Telecommunications Terminal Equipment Directive (FAX)

This Samsung product has been self-certified by Samsung for pan-European single terminal connection to the analogue public switched telephone network (PSTN) in accordance with Directive 1999 / 5 / EC. The product has been designed to work with the

national PSTNs and compatible PBXs of the European countries:

In the event of problems, you should contact the Euro QA Lab of Samsung Electronics Co., Ltd. in the first instance.

The product has been tested against ES 203 021 and TBR 21.

German compliance statement

 CAUTION:

This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommoding reflections at visual display workplaces this device must not be placed in the direct field of view.

 CAUTION:

Das Gerät ist nicht für die Benutzung im unmittelbaren Gesichtsfeld am Bildschirmarbeitsplatz vorgesehen. Um störende Reflexionen am Bildschirmarbeitsplatz zu vermeiden, darf dieses Produkt nicht im unmittelbaren Gesichtsfeld platziert werden.

Noise emissions for this equipment do not exceed 70 dBA.

This equipment is not intended for use in the workplace in accordance with Bildschirmarbeitsplatz regulations.

“Das Gerät ist nicht für die Benutzung am Bildschirmarbeitsplatz gemäß Bildschirmarbeitsplatz vorgesehene.”

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

ENERGY STAR® Qualified

To conserve energy, this printer will enter a reduced power (sleep) mode automatically after 1 hour. You can adjust the delay time (in 0.5 hour increments) up to 4 hours. Increasing the delay time may result in reduced energy savings.



ENERGY STAR and the ENERGY STAR mark are registered U.S. service marks. As an ENERGY STAR partner, SAMSUNG has determined that this product meets ENERGY STAR Guidelines for energy efficiency. For more information on the ENERGY STAR program, see www.energystar.gov.

